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Gould's

Seed Annual

•1927.



EDWARD BREWER

R.L.Gould & Co

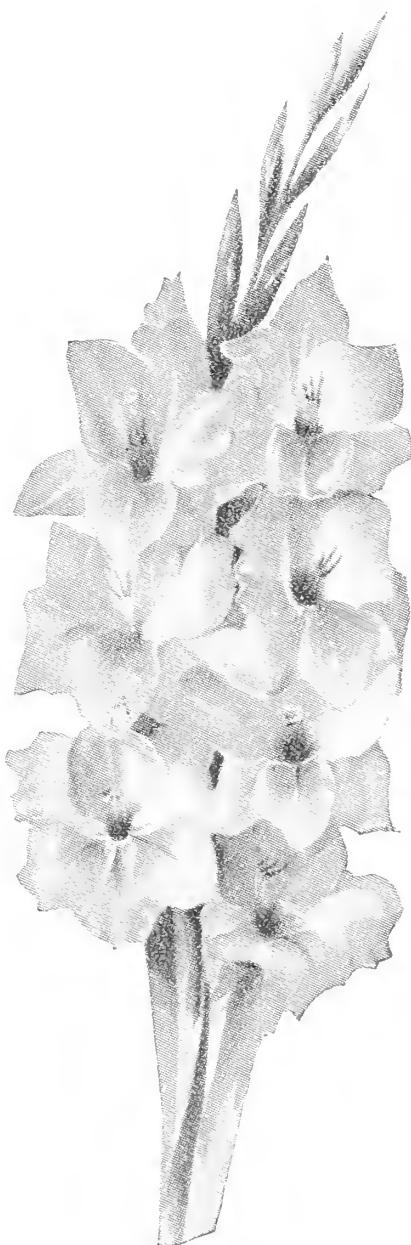
SEEDSMEN SINCE 1898
496-502 Jackson St.

Saint Paul, Minn.

GLADIOLI



Part of the twenty acre field of Gladioli bulbs from which Gould's Select "Glads" are grown.
Nothing is left undone to get the very finest bulbs for you.



GLADIOLUS

Gladioli

"The Glory of the Garden"

Of all the garden flowers and bulbs, there are none that have grown in popular favor in recent years as the Gladioli. Growers report that the demand has more than trebled in the past five years, and that at present they are unable to supply the demand for good bulbs, in spite of greatly increased acreage of bulbs.

And this popularity of the Gladioli is deserved. They are inexpensive, the flowers and blooms are wonderful, easily grown, and multiply rapidly. For cut flowers there is none that surpasses the Gladioli for beauty and length of bloom. Every garden should have a generous planting of "Glads."

SPECIAL OFFER ON GLADIOLI BULBS
shown on front cover

The pink is Evelyn Kirtland; the yellow is Gold; and the purple is Baron Hulot. We will make a special offer of three dozen of these bulbs—12 of each variety—at the low price of

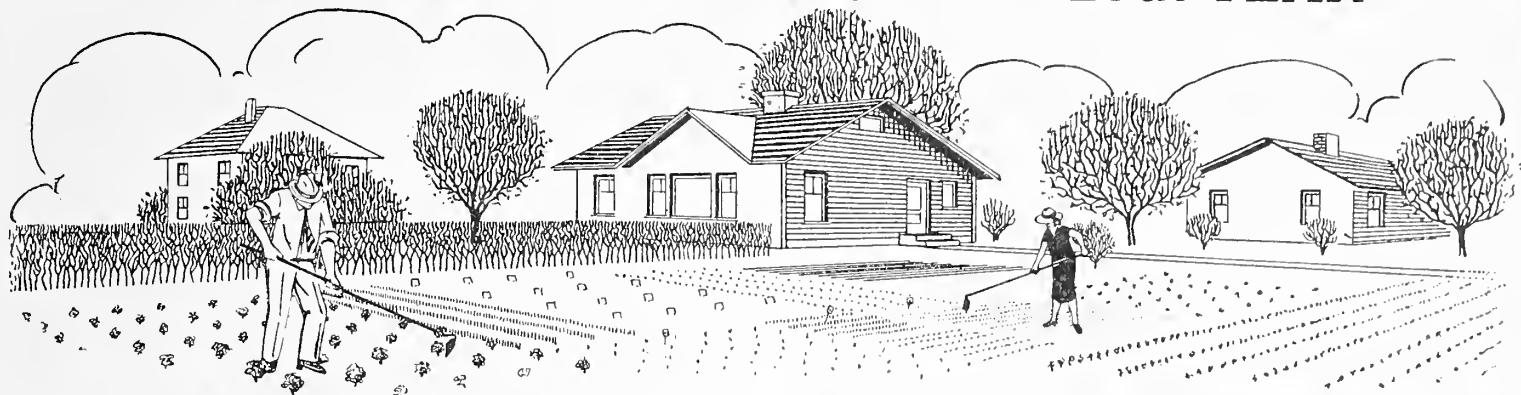
\$3.25 postpaid (regular price, \$4.00 net)
or six of each variety—18 bulbs \$1.75 postpaid.

SEE PAGE 46 FOR OUR COMPLETE LIST OF GLADIOLI BULBS

GOULD'S

1927

29th YEAR



Adding to the Joys of Life.

Health, happiness, and the greater joys of life are to be had by those that wish and seek for them. The garden and its fascinating flowers and shrubbery, as well as the vegetable plot, can give you more in the way of health and happiness, than in any other way. The thrill of watching things—planted by yourself—grow, carries with it a sense of pride and pleasure that no one can value too highly. And out in the garden in the pure air and sunshine, you are building up and adding abundantly to your health in an interesting and pleasurable way. You owe that to yourself. Make your home grounds the fountain of youth.

Our aim and purpose is to help you get the greatest pleasure and satisfaction possible from the seeds, bulbs, shrubbery, etc., that you plant. We receive added pleasure in our work when satisfied customers come back each year beaming with pride over the success our seeds or other products have given them. Unsolicited letters from customers in Alaska, Australia, China, Sweden, and from all parts of the United States, expressing their delight with our seeds, is our satisfaction.

Our careful and watchful re-testing of the pure-bred seeds we offer make them practically failure-proof. Only the most unfavorable weather conditions can hold back the vigor and vitality that GOULD'S RELIABLE seeds are famous for. Every modern method possible to give you pure-bred and vigorous growing seeds are made—the kind that will make your garden stand out above all others.

To our old customers and friends who know from past experiences what added satisfaction our seeds and other products give, we want to assure that nothing has been overlooked to merit your confidence in us again this year. Our treating of seeds that are most susceptible to disease is just one of many things we do to insure your getting good seed.

If we have not served you before, let us have a small order at least, and prove to you what added joy and pleasure our seeds will give. Our business depends on your success. We dare not fail you.

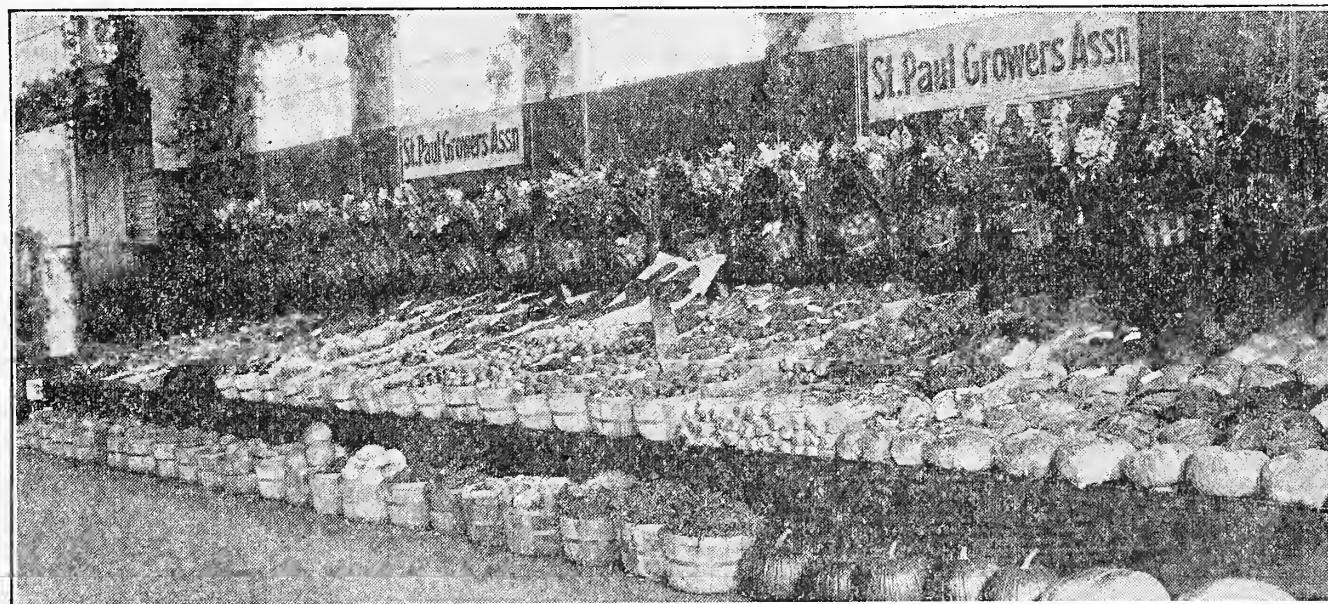
Cordially yours,

Robert L. Gould

President, R. L. Gould & Company.



**R. L. GOULD, President
and founder of R. L. Gould & Co.**



The St. Paul Growers Association exhibit at the Minnesota State Fair in 1926 won First prize for the Fourth successive year. The fact that R. L. Gould & Co. supply about 75% of the St. Paul growers with their seed is a big factor in this success, although the growers themselves deserve due credit for their wonderful exhibits each year.



Order Early It has always been our policy to fill orders the day that they are received, but on account of the uncertainty of weather conditions, it is advisable to anticipate your needs early and purchase your supply while our stocks are complete. You are then prepared to take advantage of the arrival of suitable weather for planting at any time. The heavy spring demand for seeds and other goods, also tends to slow up the transportation service somewhat. There is also the danger of running out of some varieties, in the latter part of the season. **So order early.**

When Ordering Fill out your order on one of Gould's order blanks whenever possible. Be sure to write your name and address plainly. State how you wish goods sent. We recommend the sending of larger packages by Express, or Freight but packages under 40 lbs. can be forwarded by Parcel Post at a considerable saving, as a rule. **Parcel Post Rates are given on the next page.**

By Parcel Post Parcel Post service and rates are so satisfactory that small packages to nearby points are best sent in that manner. Seeds or other goods ordered by Parcel Post must have amount included in the remittance for postage charges, excepting on packet seeds or where otherwise stated postage prepaid in our catalog. Packages will be insured if desired at the regular parcel post rate. In case you send more money than is required either for seeds or for postage, refund will be made promptly.

Terms Please send money with order, for it is only by adopting a cash-with-order-policy that we are able to sell goods on a very small margin of profit. Goods will be sent C. O. D. provided order is accompanied with a reasonable partial payment.

How to Send Money The better way to send money is by Post Office or Express Money Order, Bank Draft, or money in registered letter. When the amount of the order is less than \$1.00, please send stamps or money-order.

Prices All prices quoted are subject to change without notice. Prices on field, and grass seed, fluctuate so greatly during the season that no values are printed in this catalog. At frequent intervals during the season, we issue special price lists which will be mailed to anyone on request, giving latest market quotations on the above mentioned seeds. In the Spring we issue a special catalog supplement on shrubs, bulbs, fruit trees, berry bushes, plants, etc., containing prices of many hundreds of well known hardy varieties. A special Fall list is also issued about the middle of September, giving prices on a large list of selected and imported Dutch and French bulbs, also Peonies for Autumn planting. Please drop us a card if you do not receive a copy.

Garden and Flower Seeds Unless otherwise noted, all Garden and Flower seeds are sent prepaid by us, excepting pound lots or more of Peas, Beans and Sweet Corn, which will be sent by Parcel Post if postage is added at the Parcel Post rates given on next page. On Peas, Beans and Corn in pound lots or more mailed to Canada, add 14c per pound to cover postage.

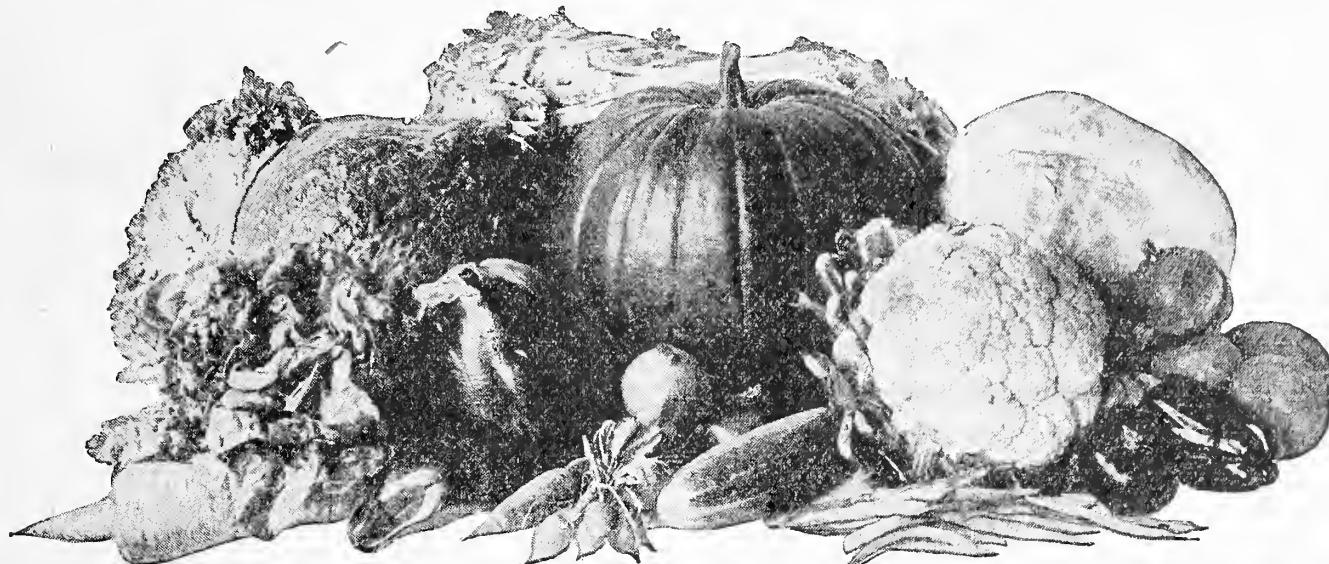
Grass and Field Seeds All Grass and Field Seeds, Onion Sets, or Potatoes are shipped at purchaser's expense, by Express or Freight, as ordered. Prices quoted in this catalog, or on special price lists, are F. O. B. St. Paul. Small quantities of Field Seeds will be sent by Parcel Post if sufficient amount is added to the remittance.

Disclaimer As seeds, plants and bulbs are subject to climatic and other conditions over which we have no control, R. L. Gould & Company therefore give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, plants or bulbs that they send out, and they will not be in any way responsible for the crop; and every order for articles named in this catalog will be executed on these conditions only. If the purchaser does not accept same on these terms, they are to be at once returned.

GOULD'S PLANTING CHART FOR THE SMALL VEGETABLE GARDEN

NOTE—*Denotes the quantity of seed that should raise sufficient plants to transplant into a row 100 feet long. The seed should be sown in hot-bed from February to March, and later sown in a cold frame, or sow the seed in a well prepared seed bed in the open when danger from frost has passed.

| Variety | Seed required for 100 ft. row | Plant Rows apart | Plants apart in rows | Time of planting in open ground | Matures in about |
|-----------------------------------|-------------------------------|------------------|----------------------|---------------------------------|-------------------|
| Asparagus, Seed..... | 2 oz. | 1 to 2 ft. | 3 to 5 in. | Early spring | 3 to 4 yrs. |
| Asparagus Plants..... | 60 plants | 30 to 36 in. | 18 in. | Early spring | 1 to 3 yrs. |
| Beans, Bush..... | 1 lb. | 15 to 24 in. | 2 to 3 in. | April to July | 40 to 65 days |
| Beans, Pole..... | ½ lb. | 3 to 4 ft. | 3 to 4 ft. | May and June | 50 to 80 days |
| Beets..... | 2 oz. | 12 to 16 in. | 3 to 4 in. | April to Aug. | 60 to 80 days |
| *Brussels Sprouts..... | 1 pkt. | 24 to 30 in. | 16 to 24 in. | May and June | 90 to 120 days |
| *Cabbage, Early..... | 1 pkt. | 24 to 30 in. | 12 to 18 in. | March and Apr. | 90 to 130 days |
| *Cabbage, Late..... | 1 pkt. | 24 to 36 in. | 16 to 24 in. | May and June | 90 to 130 days |
| Carrot..... | ½ oz. | 12 to 15 in. | 3 to 4 in. | April to June | 75 to 110 days |
| *Cauliflower..... | 1 pkt. | 24 to 30 in. | 24 to 30 in. | April to June | 100 to 130 days |
| *Celery..... | 1 pkt. | 14 to 24 in. | 2½ to 3 in. | May and June | 100 to 150 days |
| Corn, Sweet..... | 1 pkt. | 6 in. | 4 to 8 in. | May and June | 120 to 150 days |
| Cucumber..... | ¼ lb. | 30 to 36 in. | 15 to 24 in. | May to July | 60 to 100 days |
| *Eggplant..... | 1 pkt. | 4 to 6 ft. | 4 to 6 ft. | April to July | 60 to 80 days |
| Endive..... | ½ oz. | 24 to 36 in. | 8 to 12 in. | April and May | 100 to 140 days |
| *Kale, or Borecole..... | 1 pkt. | 18 to 24 in. | 18 to 24 in. | April to July | 90 to 120 days |
| *Kohlrabi..... | 1 pkt. | 15 to 24 in. | 6 to 8 in. | August | 60 to 80 days |
| Leek..... | ½ oz. | 12 to 16 in. | 4 to 8 in. | March to May | 120 to 180 days |
| Lettuce..... | 1 pkt. | 10 to 15 in. | 6 in. | March to Sept. | 60 to 90 days |
| Melon, Musk..... | 1 pkt. | 6 to 8 ft. | Hills, 6 ft. | April to June | 120 days |
| Melon, Water..... | 1 oz. | 8 ft. | Hills, 6 ft. | May and June | 100 to 120 days |
| Mustard..... | 1 pkt. | 12 in. | 3 in. | March to May | 60 to 90 days |
| New Zealand Spinach..... | 1 oz. | 24 to 36 in. | 12 to 18 in. | Early spring | 60 to 100 days |
| Okra, or Gumbo..... | 2 ozs. | 3 to 4 ft. | 24 to 30 in. | May and June | 90 to 140 days |
| Onion Seed..... | ½ oz. | 12 to 18 in. | 1½ in. | April and May | 130 to 150 days |
| Onion Sets..... | 2 qts. | 12 in. | 1½ to 2 in. | Feb. to May | 30 to 60 days |
| Parsley..... | 1 pkt. | 12 to 14 in. | 6 in. | Early spring | 90 to 120 days |
| Parsnip..... | ½ oz. | 18 in. | 3 in. | April and May | 160 days |
| Peas..... | 1 lb. | 15 to 18 in. | 2 in. | March to June | 50 to 80 days |
| *Pepper..... | 1 pkt. | 24 to 36 in. | 15 in. | May and June | 100 to 140 days |
| Potato, Irish..... | ½ peck | 24 to 36 in. | 15 in. | March to June | 80 to 140 days |
| Pumpkin..... | 1 pkt. | 8 to 10 ft. | Hills, 8 ft. | May to July | 100 to 140 days |
| Radish..... | 1 oz. | 6 to 12 in. | 2 in. | March to Sept. | 20 to 40 days |
| Rhubarb Plants..... | 33 plants | 3 to 5 ft. | 3 ft. | Early spring | 1 to 3 years |
| Rutabaga..... | 1 pkt. | 18 to 24 in. | 6 to 8 in. | May and June | 60 to 80 days |
| Salsify..... | 1 oz. | 18 to 24 in. | 4 in. | Early spring | 120 to 180 days |
| Spinach..... | 1 oz. | 12 to 18 in. | 4 in. | Early spring | 30 to 60 days |
| Squash, Bush..... | 1 pkt. | 3 to 4 ft. | Hills, 3 to 4 ft. | April to June | 60 to 80 days |
| Squash, Late..... | 1 pkt. | 7 ft. | Hills, 7 ft. | April to June | 120 to 160 days |
| Swiss Chard..... | 1 oz. | 16 in. | 12 in. | April | 60 days |
| *Tomato..... | 1 pkt. | 3 to 4 ft. | 18 in. | May and June | 100 to 140 days |
| Turnip..... | 1 pkt. | 18 in. | 3 in. | April to July | 60 to 80 days |
| Witloof Chicory, or French Endive | ½ oz. | 12 to 15 in. | 3 to 4 in. | April and May | Autumn and Winter |



ASPARAGUS ROOTS

The easiest way to obtain an asparagus bed is to set out the roots. By using good strong year old or two year old roots fairly good results are obtained the second year, but they should not be cut any later than June 20th until the 3rd or 4th year.

In preparing the bed for asparagus roots the soil should be worked up at least 12 inches deep and a very heavy application of well rotted barnyard manure should be given. Make furrows 6 or 7 inches deep and spread roots 18 inches apart in row and cover with two inches of soil gradually filling as shoots appear until surface is level.

| | Doz. | 100 | 1,000 |
|---------------------------------------|-------|--------|---------|
| COLUMBIAN MAMMOTH | | \$0.35 | \$2.25 |
| PALMETTO | | .25 | 1.75 |
| MARY WASHINGTON RUST-RESISTANT | | .35 | 2.50 |
| | | | \$20.00 |
| | | | 15.00 |
| | | | 20.00 |

Postage Extra: 10c, per doz. We will refund if amount sent is more than enough to cover mailing and packing.

ASPARAGUS SEED

CULTURE. To start an asparagus bed from seed, sow 1 oz. to 50 feet of row early in the spring and transplant to permanent bed the following spring.

Palmetto

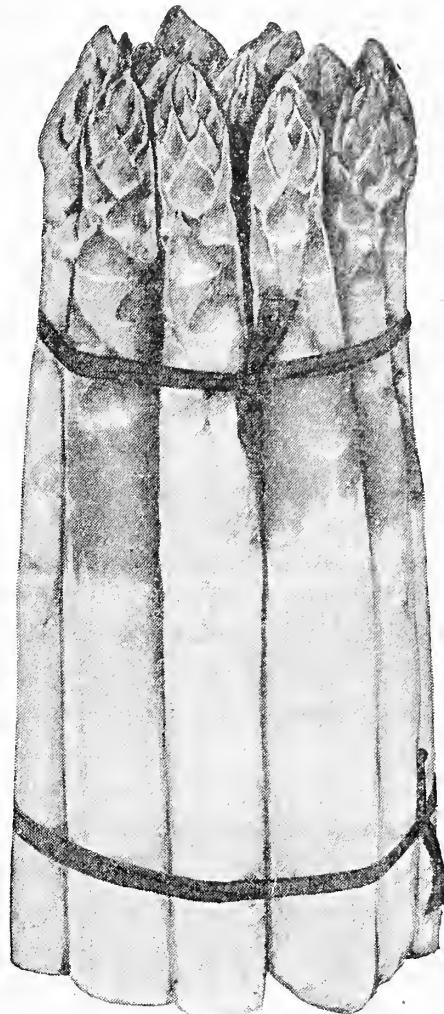
The standard variety for market gardeners. Will stand shipping better than any other. Plants are vigorous in growth, producing large, thick, dark green shoots with a distinctly pointed tip. **Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.**

Columbian Mammoth White

A most distinct variety with light green shoots. Gives an immense yield. The shoots remain light without any artificial blanching, as long as fit for use. **Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.**

Mary Washington

This has already proven to be one of the very best varieties, and although new, will in time no doubt replace many of the older sorts, that are subject more or less to rust. The Department of Agriculture has spent much time upon the development and propagation of this rust resisting strain. Shoots color to a dark green with purple shades at tip. **Pkt. 10c; oz. 30c; 1/4 lb. 90c; 1 lb. \$2.50.**



Mary Washington Asparagus

French Giant Argenteuil

A splendid vigorous variety that grows very large, the stalks sometimes weighing four ounces each. This is a very prolific variety and is much in demand. Stocks are light green. **Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.**

PARCEL POST RATES FROM ST. PAUL

All seeds, plants, bulbs and roots take the pound rate on packages weighing over eight ounces. On eight ounces or less, the rate is one cent for each two ounces, regardless of distance.

All goods except seeds, bulbs, roots and plants take pound rates on packages weighing over eight ounces. On eight ounces or less, rate is 1½ cents per two ounces for any distance.

| | First Pound or Fraction | Each Additional Pound or Fraction |
|---|----------------------------------|---|
| Local rate | 7c | ½c |
| 1st zone, within 50 m. of St Paul..... | 7c | 1c |
| 2nd zone, over 50 and under 150 m..... | 7c | 1c |
| 3rd zone, over 150 and under 300 m..... | 8c | 2c |
| 4th zone, over 300 and under 600 m..... | 9c | 4c |
| 5th zone, over 600 and under 1,000 m... | 10c | 6c |
| 6th zone, over 1,000 and under 1,400 m... | 11c | 8c |
| 7th zone, over 1,400 and under 1,800 m... | 13c | 10c |

Weight Limit is 70 lbs. on Zones 1, 2, 3. Other Zones it is 50 lbs.



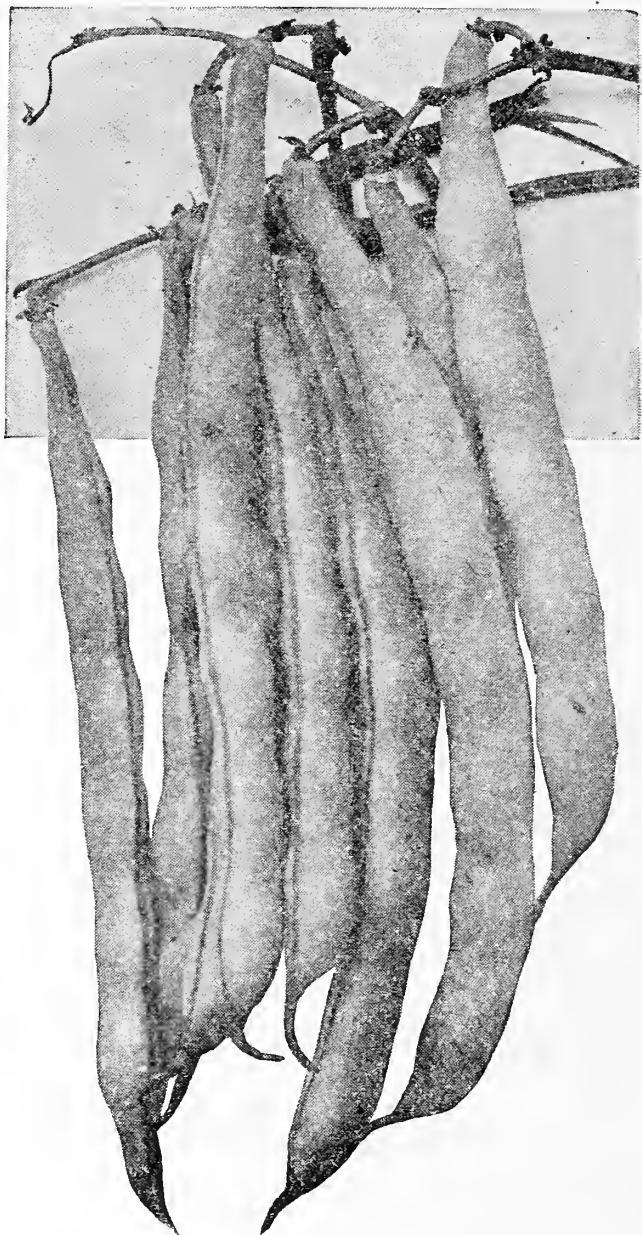
BEANS

CULTURE. To obtain a continuous supply of Beans throughout the season, make plantings every two weeks from about May 10th to July 1st. Beans should be planted in rows 15 to 18 inches apart, thinning in the row to 3 or 4 inches apart. Do not cultivate or pick beans when plants are moist from dew or rain as this causes the spread of rust or Anthracnose, thereby curtailing the production. Plant about 1 to 2 inches deep depending upon the condition of the soil.

DWARF WAX VARIETIES

Gould's Reliable Black Wax

Is an improved strain of Currie's. It is stringless, hardy and rust-resistant. The pods are long and wide but thicker than Currie's. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.



Gould's Reliable Kidney Wax

An excellent early round podded variety for the private garden and home canning. It is very tender and absolutely stringless. The seed is white kidney-shaped with a brownish black eye. The vines yield abundantly. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.50.

Currie's Rust Proof Black Wax

A very early and productive variety. The pods are large, flat and straight, free from rust, of excellent quality and flavor. It is a big favorite with Market Gardeners. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.20.

Davis Kidney Wax

A most hardy and productive wax bean. The bean is pure white, of kidney shape, producing a large, straight pod of fine appearance. The purity of the pod and beans makes it a favorite for canning. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.

Pencil Pod Black Wax

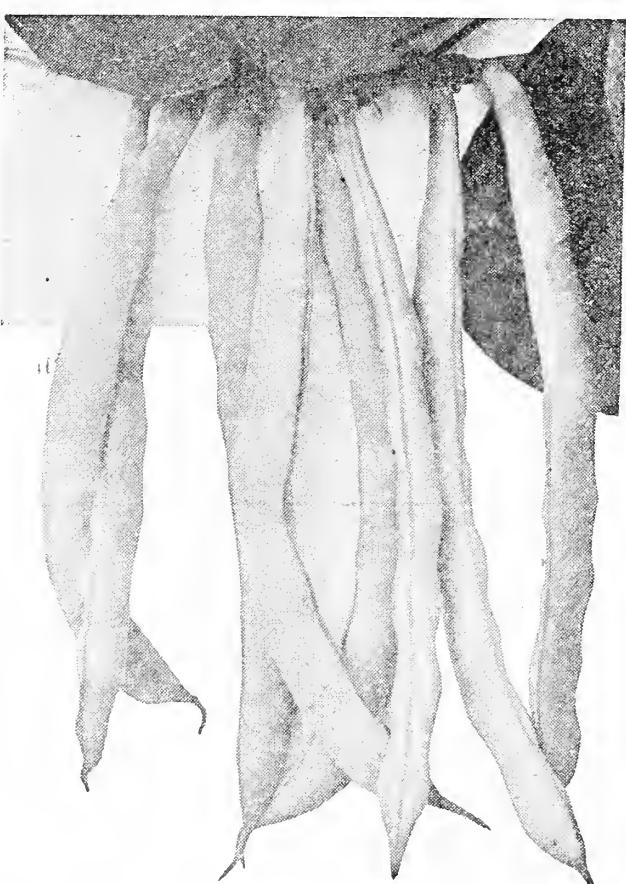
The pods are long and pencil-like, very tender and brittle. The color is a rich yellow. Much in demand for both Home and Market Gardens. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.20.

Improved Golden Wax

A well known standard variety. Bears an abundance of large flat pods slightly curved. The seed is white and dark brown. Rust-resisting to a marked degree, one of the earliest to mature. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.

Wardwell's Kidney Wax

A popular variety for Market Gardeners. Produces long flat pods which are very attractive and of good quality. Matures a little later than the Golden Wax. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.



Unrivalled, or Everbearing Wax

A great favorite with the Market Gardeners producing an abundance of very attractive golden pods. It is as early as the Davis or Wardwells and will continue to bear for many weeks. The pods are neither round nor flat but really between the two. A wonderful bean of fine flavor. Our supply is very limited. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.

Hodson Wax

An extremely vigorous, hardy, and productive variety, though rather late. It is noted for its very large, flat, gently curved wax pods which are generally 6 to $6\frac{1}{2}$ inches long. It holds up well and is a great favorite for late marketing. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.20.

DWARF GREEN PODDED VARIETIES

Bountiful

This is one of the very earliest of the green podded beans. The pods are large, flat and slightly curved, of a light green color and stringless. Is very hardy and continues to bear for several weeks. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.20.

Stringless Green Pod

The finest green pod, stringless Bean. The earliest and hardiest of all green-podded sorts and produces large, handsome pods, some of which measure fully six inches in length. The plants are very productive, bearing profusely the beautiful green pods, which are perfectly round, straight, broad, tender, brittle, finest flavor, very fleshy and entirely stringless. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.

Full Measure

A very fine Stringless Green podded bean. The pods are long and straight, showing depressions around the beans, which are round and tender. It yields abundantly, and we recommend it for either home or market garden. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.

Gould's Reliable Kidney Wax Beans



Unrivalled or Everbearing Wax Beans
See Page 4

Giant Stringless Green Pod

An excellent variety to follow Stringless Green Pod, bearing later and larger. Plants are strong, pods meaty and brittle. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 10 lbs. \$2.20.

POLE BEANS

CULTURE. Beans being very tender and delicate when coming out of the ground and also very quick in making their appearance after being planted, care should be taken not to plant while there is still danger of frost. May 10th to 25th is, as a rule, the best time for bean planting.

Pole Beans require better soil than the dwarf varieties owing to the longer period required to produce the stocks and pods. Plant 6 seeds in a hill two inches deep and three feet apart each way.

King of the Garden Pole Lima

The vines are very vigorous and prolific. Pods are of large size filled with 4 or 5 large white beans of very fine quality. The beans are easily shelled and of handsome appearance. A great favorite with market gardeners. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75.

Large White Lima

A vigorous grower. Vines are tall and slender, producing an abundance of long dark green pods in clusters. Very good for the market or home garden. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75.

Lazy Wife

So named on account of the large number of pods, making it easy to obtain a mess. One of the best varieties for snaps of the large late green-podded pole beans. The pods grow in large clusters, are 5 to 7 inches long, broad, thick, fleshy and stringless. They have a rich buttery flavor. The dry bean, which is white, is also fine for winter use. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50.

BEANS

DWARF GREEN PODDED VARIETIES—Cont.

Dwarf Horticultural

Very productive and compact in growth. Pods broad, thick, curved and splashed with red. Is very fine for early shell bean. Seed is large, oval, and plump, splashed with red. Matures early. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50.

Early Red Valentine

Pods are round, of medium length, very fleshy, crisp, and tender. A very superior snap variety for both the Home and Market Gardener. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.10.

Refugee or 1000 to 1

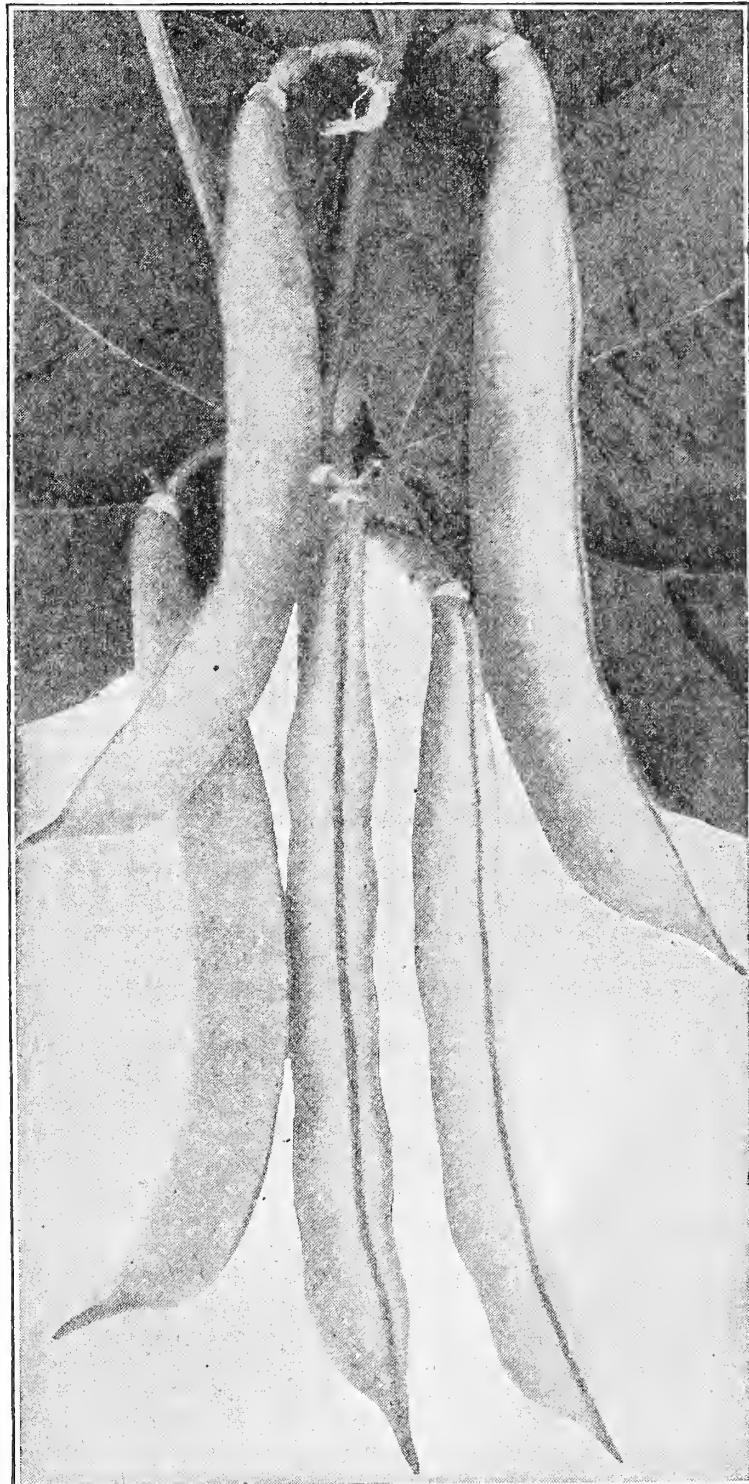
A very productive, hardy, late variety. Pods are long, round and slender, very much in demand for late pickling. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.10.

Longfellow

An early long slender green pod, very tender and brittle when not too old. Very desirable for canning, having no strings when broken. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.10.

Black Valentine

Pods are long, round and straight, very attractive in appearance and of good quality. Vines are very hardy and vigorous, producing an excellent bean for shelling. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 10 lbs. \$2.10.



Stringless Green Pod Beans



BEANS—POLE VARIETIES—Continued

Kentucky Wonder or Old Homestead

This climbing variety is very vigorous and productive and bears its pods in large clusters. The pods are green and almost round often measuring 8 to 10 inches long. They are stringless, very tender and will bear all summer. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75.

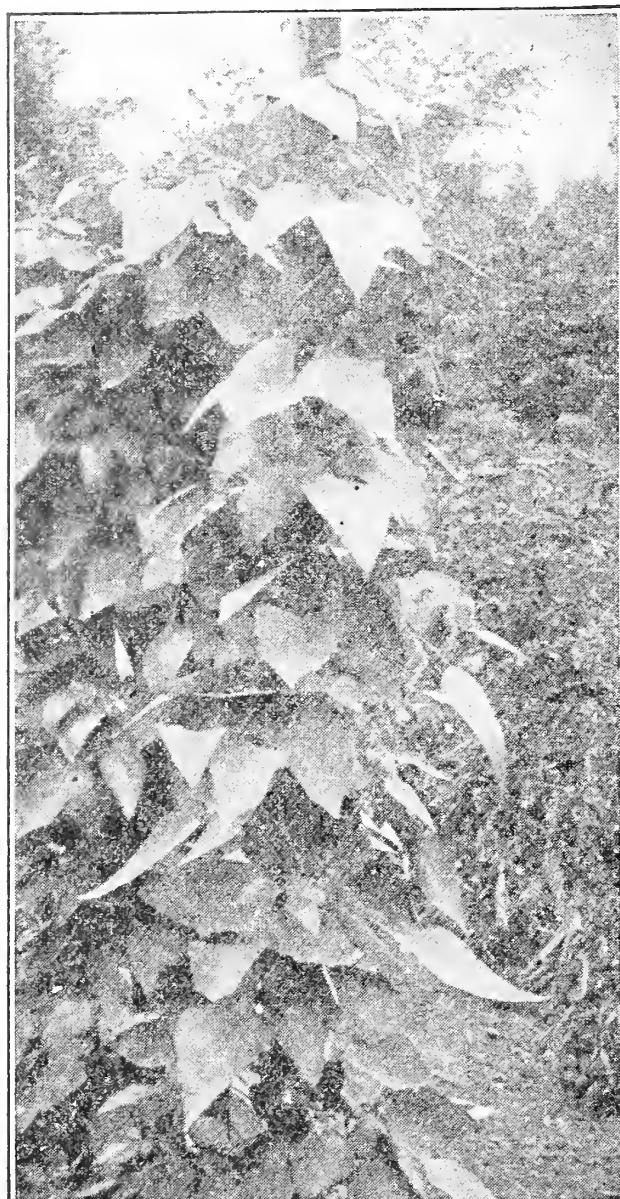
Kentucky Wonder Wax

Very similar to the green podded Kentucky Wonder, but the pods are a little broader. They are fleshy and stringless and are of excellent quality. The pods are very long and light yellow. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75.

Scarlet Runner

A bean that is edible as well as ornamental. It is a fine climber, quick growing, and has large beautiful leaves and bright scarlet blossoms. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75.

Beans
Are
Postpaid
Only
In
Packets
and
 $\frac{1}{4}$ -lb.
Lots



Kentucky Wonder Pole Beans

Horticultural Pole or Cranberry

Is a very fine bean with a long straight pod that is quite flat and stringless. The color is dark green, splashed with red. The bean, which makes a beautiful shell bean is cream color with maroon spots. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50.

DWARF OR BUSH LIMA BEANS

Burpee's Bush Lima

Plants are large and hardy, spreading occasional runners. It is medium early, producing pods 4 to $4\frac{1}{2}$ inches long, containing 3 to 4 large, flat white beans. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75.

Burpee's Improved Bush Lima

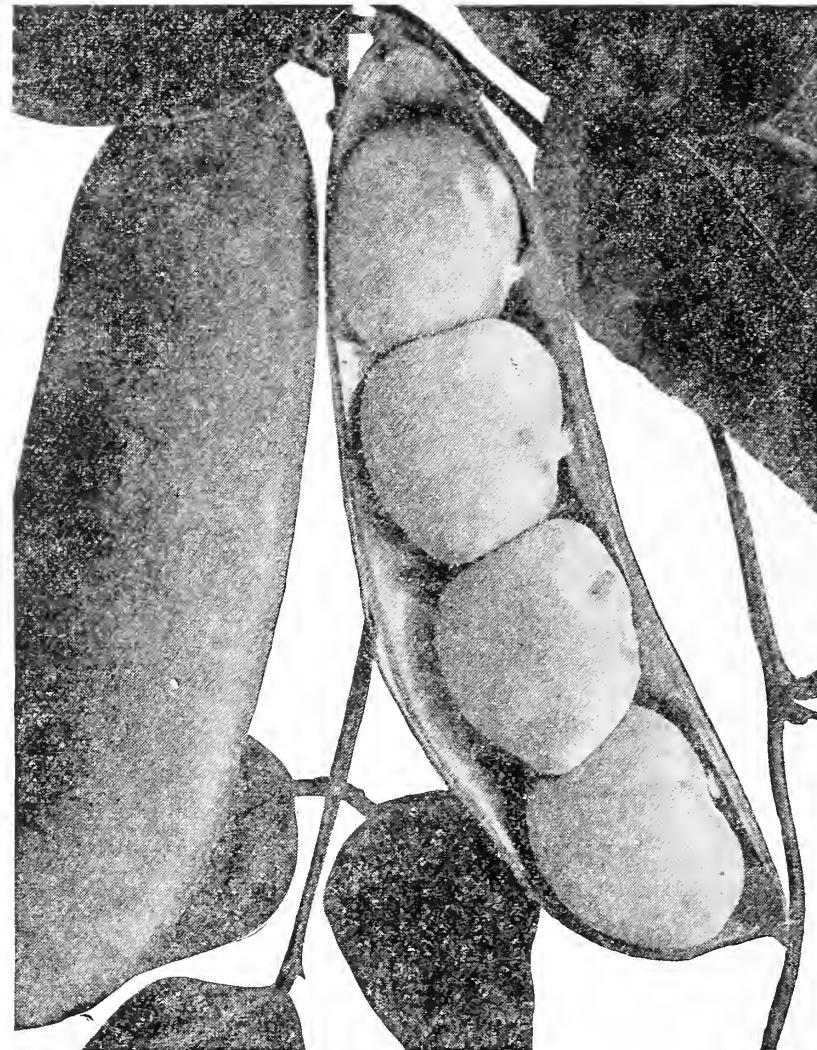
This is by far the most popular of the Bush Lima type. The bushes grow from 18 to 24 inches high of stout, erect growth, forming bushes of two to three feet in diameter. The pods are frequently borne in clusters of five to eight each containing 4 or 5 large, thick, white beans. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75.

Henderson's Bush

A vigorous hardy, very early and small type of Bush Lima. The beans are small, white and of very good quality. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75

Fordhook Bush

A most excellent variety that is exceedingly popular with Market Gardeners. The pods are about 5 inches long each having 4 or 5 large oval shaped thick white beans of fine quality. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 50c, 5 lbs. \$2.00.



Burpee's Bush Lima Beans

FIELD BEANS

CULTURE. Early plowing, at least five weeks before planting time, is necessary for good results with Field Beans. After this the land should be cultivated frequently to bring it into the best possible condition.

Beans thrive on most all soils, but better results are gained by the liberal use of fertilizer or planting in light, rich, well drained loam. Beans are extremely sensitive to frost and moisture.

M. A. C. Robust

A new navy bean of exceptional merits. It is recommended as the most uniform in size and the most productive navy bean ever introduced. $\frac{1}{4}$ lb. 10c, 1 lb. 20c, 10 lbs. \$1.25.

Choice Navy

The old standard white navy bean hand picked selected stock. $\frac{1}{4}$ lb. 10c, 1 lb. 20c; 10 lbs. \$1.25.

Brown or Swedish

This is a fine field bean of a light brownish color and medium size. Very fine for baking. $\frac{1}{4}$ lb. 10c, 1 lb. 20c, 10 lbs. \$1.25.

Boston Yellow Eye

The Boston Yellow Eye is a great favorite as a shell bean or dry bean. It is of the Navy Bean Type, but has a little distinctive flavor which the ordinary Navy bean has not. It is a good yielder and the beans have a very fine appearance. $\frac{1}{4}$ lb. 10c, 1 lb. 25c, 10 lbs. \$1.50.

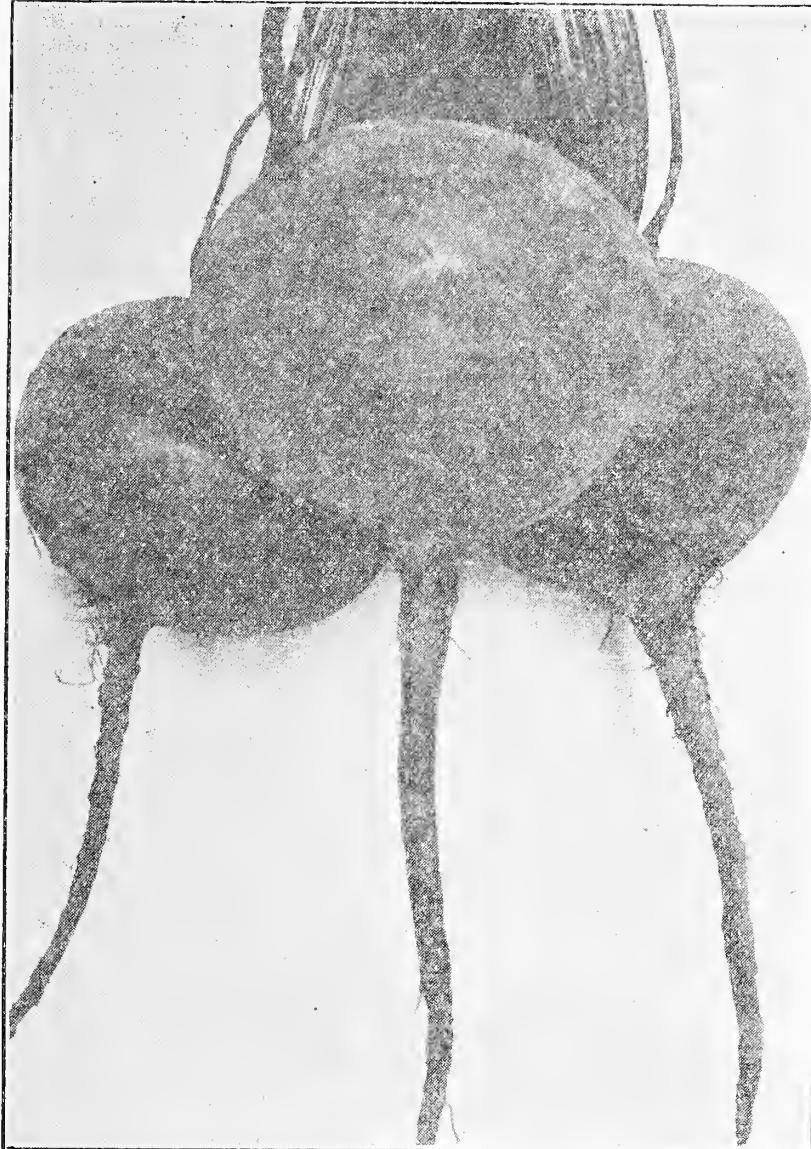


BEETS

CULTURE. Any well prepared light garden soil will produce good beets, although a rich, sandy loam brings the best results. Sow the seed about 1 inch deep in rows 15 to 24 inches apart. When plants are about 6 inches high they should be thinned to 3 or 4 plants to the foot. Those taken out at this time make excellent greens.

Gould's Early Bunching Beet

The earliest beet on the market. It can stand the severe changes of the weather when sown in hot beds better than any beet ever offered, besides having a perfect shape and color for an early bunching beet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.00.



Gould's Early Bunching Beet

Edmand's Blood Turnip

A fine appearing turnip-shaped blood beet. Skin and flesh are of a deep blood red. This beet grows uniform of good marketable size and is a good keeper. This variety is of the second early maturing crop, also popular with gardeners. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 75c.

Extra Early Egyptian

One of the very earliest small top varieties. Roots are decidedly flat with a dark skin. Flesh is purplish zoned to a lighter shade. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 75c.

ORDER EARLY. Your order is sure to receive more prompt attention during the early part of the season, for the rush during the flush of the season is bound to slow up the filling of orders to some extent, and there is always the danger of running short of some varieties.

Early Model

This variety is medium early in maturing, and one of the best for table use. Roots are of globe shape and nice size, with a smooth tap-root. The flesh is tender and has a sweet and delicate flavor. Its fine appearance makes it a ready seller. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.00.

Crimson Globe

A late or main crop variety of medium size and of a perfect Globe shape. Flesh is a deep purple. The foliage is small and a dark bronze color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 90c.

Early Wonder

An extra early variety of special merit, being one of the first on the market. It is globular in shape, has a smooth skin, flesh is blood red and very tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.00.

Gould's Reliable Red Beet

Is especially selected for its uniformity in size, shape and color, being a very dark red. We do not hesitate to recommend it either for market or home garden. It grows to a large size and is unsurpassed as to quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.00.

N. K. & Co's. Sterling

A very attractive variety of high quality. It is a heavy yielder, a good keeper and of very fine appearance. Is exceedingly sweet and tender for table use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.00.

Eclipse

Makes rapid growth, top small, quality fine. Larger than Egyptian, but not as deep a red in color. This is an especially desirable sort for the home garden and bunching. The roots are smooth and round with a small tap root and collar. The flesh is very sweet, crisp and tender, especially when young. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 75c.

Crosby's Egyptian

A splendid extra early beet of slightly flattened globe shape. It is sweet and tender and a much desired table beet. It is grown and recommended by market gardeners for easy bunching. One of the earliest and best strains of beets. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 90c.

Detroit Dark Red

Roots are globe shaped, smooth with short tops. The skin is dark red. The flesh is tender and sweet. It is a good keeper and is very desirable both for market and home garden; being in demand for either bunching or canning. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 90c.

Swiss Chard or Spinach Beet

This variety does not produce an edible root like the regular garden Beet, but is highly esteemed for the broad, white leaf stalks and midribs which are cooked and served in the same manner as asparagus, making a most delicious vegetable. The leaves are also cooked like spinach and considered equally palatable. Two distinct dishes may thus be grown from one plant at the same time. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.



Giant Lucullus Swiss Chard

The largest and the favorite of the Chard family. The leaves are very large and curly and make a very attractive dish when cooked up as greens. As it grows up so quickly it is also very valuable for keeping the poultry supplied with a green feed. Leaves may be trimmed to the ground and new leaves will grow and take their place quickly. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

Swiss Chard



SUGAR BEETS

Gould's Reliable Sugar Beet

This we consider the very best Sugar Beet for sugar production. Is rich in sugar content. Try some in your garden. Make your own syrup and use for sweetening. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.

White American Sugar

Has perhaps a wider cultivation than any other Sugar Beet. While not as rich in saccharine it is as a rule more productive. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.

MANGEL—WURZEL (For Stock Feeding)

CULTURE. Sow 6 pounds to the acre in May or June, in rows three feet apart, and thin to nine inches in the row. Cultivate frequently with horse tools.

Farmers and stock raisers of the United States do not appreciate so fully the value of Mangels for feeding cattle, hogs, sheep, poultry, etc., as do the farmers of Europe. In France, Great Britain and other European countries, it is the exception rather than the rule where Mangels are not grown on a large scale on every farm. The immense yield which may be secured from an acre, with very little expense either for material or labor makes the Mangel crop one of the most profitable on the farm. 15 to 20 tons of roots an acre is not an unusual yield; some specimens weigh 20 to 30 lbs. each. Where properly seeded, cultivated and harvested the cost of growing a bushel of Mangel should not exceed 10c. When fed in combination with grain they are worth almost as much, pound for pound, as the grain. Experience has proved that Mangels so aid digestion and assimilation, by keeping the animals in a healthy condition, that they increase the feeding value of other feeds consumed, beside the nutrients the roots contain.



Improved Mammoth Long Red

Is a selection of the very best type of long red mangel. The roots are extra large, straight, uniform in size and of a deep red color. They grow very large, some weighing as much as 15 to 20 pounds apiece, and yielding 15 to 20 tons to the acre. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c, 5 lbs. \$2.25, 10 lbs. \$4.25.

Mammoth Golden Giant

Grows very large, yet it has a very fine even shape and smooth skin. Flesh is white, firm and sweet. Cattle are very fond of them. In spite of the size they are easily lifted from the ground. Grow enormous crops. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c.

Gould's Reliable Sludstrup Barres

Improved Mammoth Long Red Mangel Has been recognized by the Danish Government as having the largest per cent of nutrient found in any sort. It is of a reddish yellow color, is very hardy and grows well above ground making it easy to pull. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c; 5 lbs. \$2.25; 10 lbs. \$4.25.

Giant Yellow Eckendorf

Is very similar to the Red Eckendorf, excepting that the color is yellow. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c.

Yellow Globe

A perfect globe shaped Mangel with small top. The root grows almost entirely above ground with one tap root, making it adapted to shallow soil and very easy to harvest. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c.

Gould's Giant Feeding

Half Sugar Mangel (For Stock Feeding)

Is a very large growing sugar beet which makes a good share of its growth above ground, making it easy to harvest. It is a heavy yielder, an excellent feeder, but is not fit for sugar production. Yields nearly as heavy as do Mangels, but supplies for stock feeding a food of very much higher nutritive value. A most excellent feed for all kinds of stock and poultry. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, 5 lbs. \$2.50.

MANGEL—WURZEL (For Stock Feeding)

Giant Red Eckendorf

This variety is raised extensively in Europe where root crops are grown on a much larger scale, and has also become very popular in the United States since being introduced here. The roots are red in color smooth, long and cylinder shaped. They grow to enormous size, weighing up to 15 and 20 pounds each. The flesh is firm and of high feeding quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c.



Above picture shows Virginia Kraushar of Dakota Co., Minn., holding two of Gould's Improved Long Red Mangels, grown by her dad. Gould's Mangels are famous for quality as well as size, and yield.

Golden Tankard

As its name denotes it is of tankard shape and a bright golden yellow and is very desirable for dairy stock feeding. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c.

BRUSSELS SPROUTS

Perfection

Small heads or sprouts about one to two inches in diameter form on the stocks at each leaf joint. These may be boiled or creamed like Cabbage or Cauliflower and make a very delicious dish. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.



Field of Gould's Copenhagen Market Cabbage—A heavy Yielder of Large, Solid Heads.

CABBAGE—Listed According to Earliness

CULTURE FOR EARLY CABBAGE. Seed of the early varieties should be sown $\frac{3}{4}$ of an inch deep in a greenhouse, hot-bed, or in boxes in the house, about 6 weeks before the plants are needed for planting out.

If, when the second leaves appear, the plants can be transplanted, spacing them 3 inches apart, better and more hardy plants will be obtained.

As soon as the soil can be worked in the Spring the plants should be removed to the open field and set in rows 2 feet apart each way. Cultivate occasionally to keep out weeds and preserve the moisture in the soil until the plants shade the ground. One-fourth lb. of seed will produce plants for one acre.

CULTURE FOR LATE CABBAGE. The seed may be sown in rows 1 foot apart or broadcast in the garden, about the middle of May, and the plants set in the field the latter part of June.

Cultivation must begin as soon as the plants are set in the field, and continued as long as it is possible to get through them with a cultivator without injury to the plants.

Early Jersey Wakefield

The earliest cabbage grown. Heads are very solid and conical in shape with very few outside leaves. Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50.

Gould's Reliable Wakefield

Is much larger than the Jersey Wakefield but not quite as early. Very much in demand both for market and the home garden. The heads are far superior to other strains of Wakefield Cabbage, being nearly double the size and of superior quality. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

Golden Acre

A very extra early selection of the Copenhagen Market type. We again have a very limited supply of the same strain which we offered last season and which produced such wonderful results. The Golden Acre was on the market about 10 days ahead of Copenhagen Market. One of our growers sold over \$500.00

worth of Cabbage from \$5.00 worth of seed. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.50, 1 lb. \$12.00.

Copenhagen Market

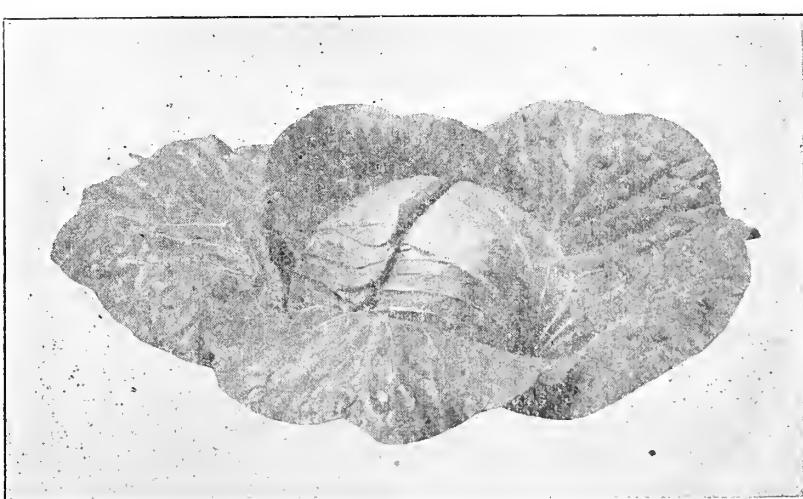
Heads grow upon a short stem, are solid and large, often weighing from 8 to 12 pounds. It is the largest of the early round-headed varieties. Its quality is excellent. Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50.

Glory of Enkhuiizen

A large round short stem variety which matures about five days later than the Copenhagen Market. Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50.

Early York

Heads are small, heart shaped, firm and tender, also very early. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.



Golden Acre Cabbage

Frost-proof Cabbage Plants

We offer frost-proof cabbage plants with a certificate of inspection from the State of South Carolina, showing them to be free from disease. These plants are to be shipped direct from the grower, therefore, orders should reach us 15 to 20 days before plants are wanted. The Jersey Wakefield and Copenhagen Market are the only varieties which we will offer this season.

Prices by parcel post postpaid: In lots of 100-200-300-400 at 50c per 100; 500 for \$1.60; 1,000 for \$3.00.

Orders filled for even hundreds only, and quantity price applies on any one variety only.

Quantity price by Express F. O. B. growing point: In 1,000 lots from 1,000 to 4,000 at \$2.00 per 1,000; 5,000 or more of any one variety at \$1.50 per 1,000.



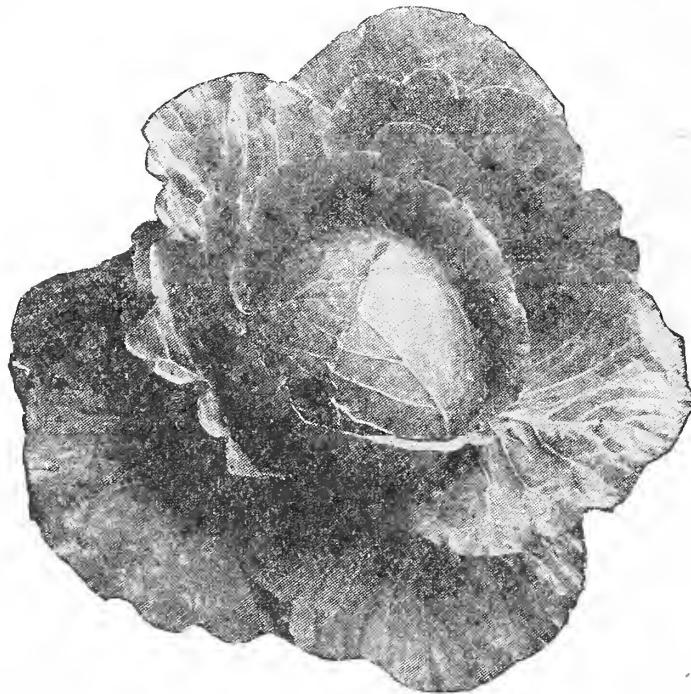
CABBAGE—Continued

Early Winnigstadt

Leaves are dark green and very tightly folded making it the hardiest of any early cabbage. Does not suffer as much from cabbage worm and keeps better than most early cabbage. This cabbage is very popular for home gardens and when planted late makes very good winter cabbage. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.

Early Summer

Deservedly popular with market gardeners throughout the country. The heads are large and solid, weighing 8 to 10 pounds each. This cabbage is also much in demand for kraut making, being sweet and tender and of excellent quality. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.



Copenhagen Market Cabbage. See Page 9.

All Seasons

Is an old standard and true to its name. It does well planted at all seasons. An excellent variety for fall and winter use. The heads are somewhat flattened but nearly round, very solid and of fine quality. The plants are very vigorous and are noted for withstanding the hot sun or a long dry spell. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00.

Wisconsin All Season

A yellows resistant strain of summer or All Season cabbage which is being grown and propagated in Wisconsin very successfully. The supply of this resistant All Season seed is very limited. Pkt. 10c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50; 1 lb. \$10.00.

The Wisconsin Hollander

Another of the resistant strains which are grown in Wisconsin. It is of the true Holland type and a perfect winter keeper as well as being yellows resistant. Pkt. 10c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.25; 1 lb. \$10.00.

Succession

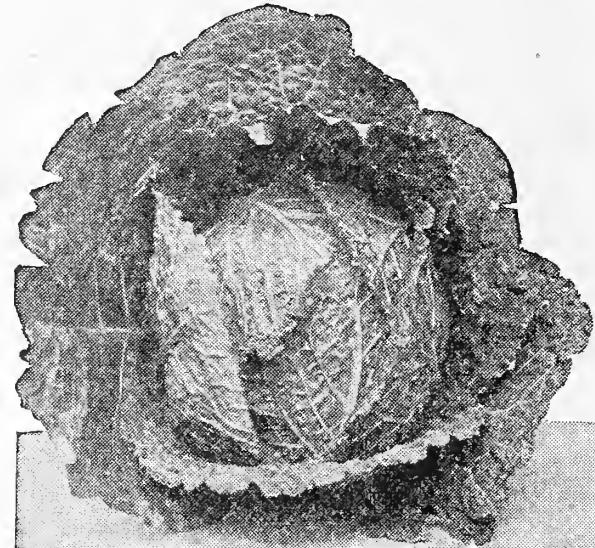
A well known sort that is a good cropper for late summer or winter use. Is one of the surest crops. Grow to about 10 to 12 lbs. each, heads being hard and solid. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00.

Rock Red

The best, largest and surest heading red cabbage. The head is large, round, very solid and of deep red color averaging about 8 pounds each. This variety is used mostly for cole slaw and pickling. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

Drumhead Savoy

The best of the Savoy or curly leaf type of cabbage. Produces a large solid head upon a short stem. It is very sweet and delicious especially after being touched by frost. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00.



Savoy Cabbage

Late Flat Dutch

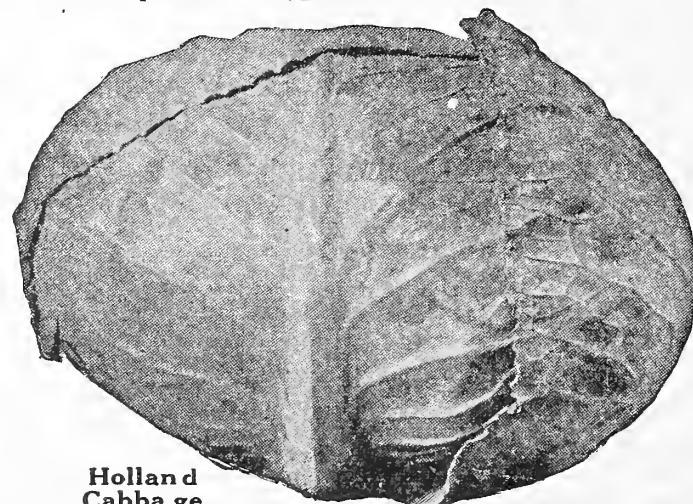
A low growing variety, heads large, bluish green, round, solid, broad and flat on top. An excellent fall and winter keeping variety. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00.

Danish Roundhead

Is an improved strain of the Danish Ballhead, being slightly earlier, shorter stemmed and heavier. It is less liable to blight and is an excellent keeper. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00

Danish Ballhead

This is one of the most largely grown varieties for fall shipping and winter keeping. It is large, round and solid. Grows well on all soil and resists most any kind of weather. Has few outside leaves, is tender and unsurpassed for boiling, slaw, and kraut making. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00.



Holland Cabbage

Holland

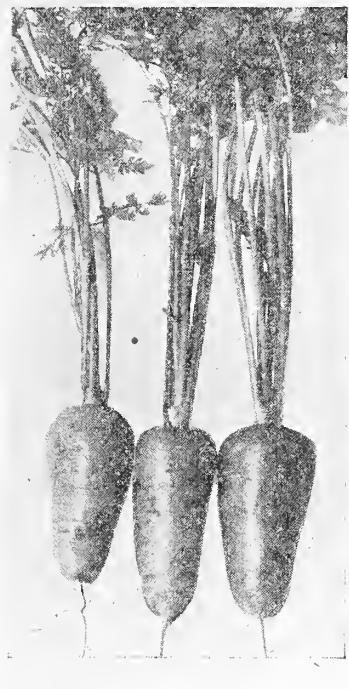
The standard winter cabbage, and most remarkable late cabbage produced. The heads though not as large as some other varieties are hard and solid, fine grained and tender. If placed in a cool dry cellar they will keep until Spring, and be as firm and sound as when put away. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00.

CHINESE CABBAGE

Resembles the Cos lettuce somewhat and may be eaten raw, in a salad, or cooked same as cabbage. Does well in nearly all parts of the country and should be planted in July, and grown like late cabbage. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

CARROTS

One ounce of seed will sow 200 feet of drill. Make the rows two feet apart to allow for horse cultivation. Keep free from weeds and cultivate occasionally until the roots are large enough for table use and if grown for commercial purposes they may be cultivated with profit throughout the season. When the plants are 3 inches high thin to 3 inches apart in the row.



Chantenay

Chantenay

(Select Stock)

The Chantenay Carrot has been the favorite with the market gardeners for many years. The flesh is of a beautiful orange color and of very fine quality. The roots taper slightly and are uniformly stump rooted and easy to pull. A very desirable variety for the home garden, as well as market gardeners. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Improved Danver's Half Long

Is a well known stump rooted variety. The root is of a rich dark orange color, smooth and heavy yielding, making it very desirable for both marketing and stock feeding. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

Oxheart or Guerande

Earlier than the Danver's but not so long. It will produce a large thick carrot that can be very easily lifted from the ground. The flesh is bright orange, fine grained and sweet, roots growing to a length of about five inches long when mature. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.

Early Scarlet or Short Horn

Is one of the best early varieties for outdoor planting. It has a short stump shaped root, flesh of a deep orange color. Very desirable for table use. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.50.

Improved Long Orange

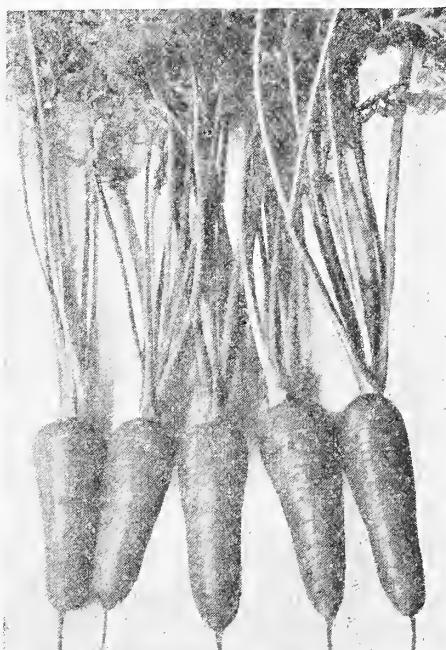
A well known standard sort with long pointed root, of a deep orange color. Suitable for the table and main crop. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.

Half Long Scarlet Nantes

Tops of medium size; roots cylindrical, smooth, bright orange; becoming yellow in center but with no distinct core. Of the finest quality and one of the most symmetrical and handsome of the medium sized sorts; excellent for the market or home garden. Are about 5 to 6 inches long at maturing time. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.50.

Early French

The earliest variety, largely grown for forcing purposes. Is globular shaped and of an orange-red color. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.50.



Improved Danvers Half Long

James Intermediate

A splendid variety in shape midway between the half long and the long sorts. It is quite broad at the top and tapers to a blunt point. Flesh is rich reddish-orange, tender and sweet. Very desirable as a market variety, on account of the heavy yield, fine shape, appearance and excellent quality. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.50.

Large White Belgium

For stock feeding. The largest producer of all carrots one root often measuring 15 to 20 inches in circumference. It will produce as high as 20 to 30 tons per acre. Very fine for all kinds of stock, but is not a carrot for table use. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

Victoria

A large yellow stock carrot by far the largest yellow carrot grown. The roots are exceptionally fine for all kinds of stock feeding, possessing high feeding properties. It is a heavy cropper on all kinds of soil, but is especially adapted for rich, sandy loam. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

CELERIAC

CULTURE. Celeriac seed may be treated the same as celery until outdoor planting. Plant in rows 14 inches apart, 3 or 4 inches apart in the row.

Large Smooth Turnip Rooted

The best there is. This vegetable deserves a wider recognition by growers or home gardeners. Is fine for flavoring soups or roots may be cooked up creamed. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.

WHITLOOF CHICORY

Or French Endive

Used as a winter salad. May be used as a Cos lettuce, and is delicious when served with French dressing. The plants form long parsnip-shaped roots that are lifted in the fall, trimmed of leaves, and stored in soil in a cool place until wanted for forcing. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$2.75.

CHIVES

Are hardy perennial plants of the onion type. The tops are used for flavoring. Quicker results are obtained by setting out plants than by seeding as seedlings will not do much the first year, while the sets or plants will multiply very rapidly. Pkt. 10c, oz. \$1.00, $\frac{1}{4}$ lb. \$2.50, 1 lb. \$8.00.

CRESS

CULTURE. Sow seed thickly in shallow drills 12 inches apart in the spring, and for a succession every two weeks. One ounce of seed required for 200 feet of drill.

Fine Curled (Pepper Grass)

Quick growing; leaves finely cut like parsley; growth dwarf and compact; crisp and pungent. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 90c.

Water Cress

Sow the seed in cool, moist soil in the early spring or if a shallow slow running stream or ditch is near, the seed may be sown within the same near the bank. When sown in a location of this kind it grows luxuriantly for years. Highly esteemed as a salad; also as a garnish. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, 1 lb. \$5.50.



CAULIFLOWER

CULTURE. For early use the seed should be sown indoors either in a green house, hotbed or in the house about six weeks before setting out. Sow the seed $\frac{1}{2}$ to $\frac{3}{4}$ of an inch deep. When plants are one or two inches high they can be transplanted to about 3 inches apart thereby developing into stronger plants. As soon as the soil can be worked and pulverized, the plants may be set out in the open field 2 to $2\frac{1}{2}$ feet each way.

Cultivate freely until plants shade the ground completely. As soon as the heads start to form tie the leaves together over the head to keep out the light thereby keeping the heads pure white. For later crop seed may be sown in the garden any time after soil works up nicely.

Snowball

The most popular variety for early and general crop. Produces nice snow white heads 6 to 8 inches in diameter, of extra fine flavor. Is considered a standard by the market gardener, also very desirable for the home garden. **Pkt. 25c, oz. \$2.00, $\frac{1}{4}$ lb. \$8.00.**

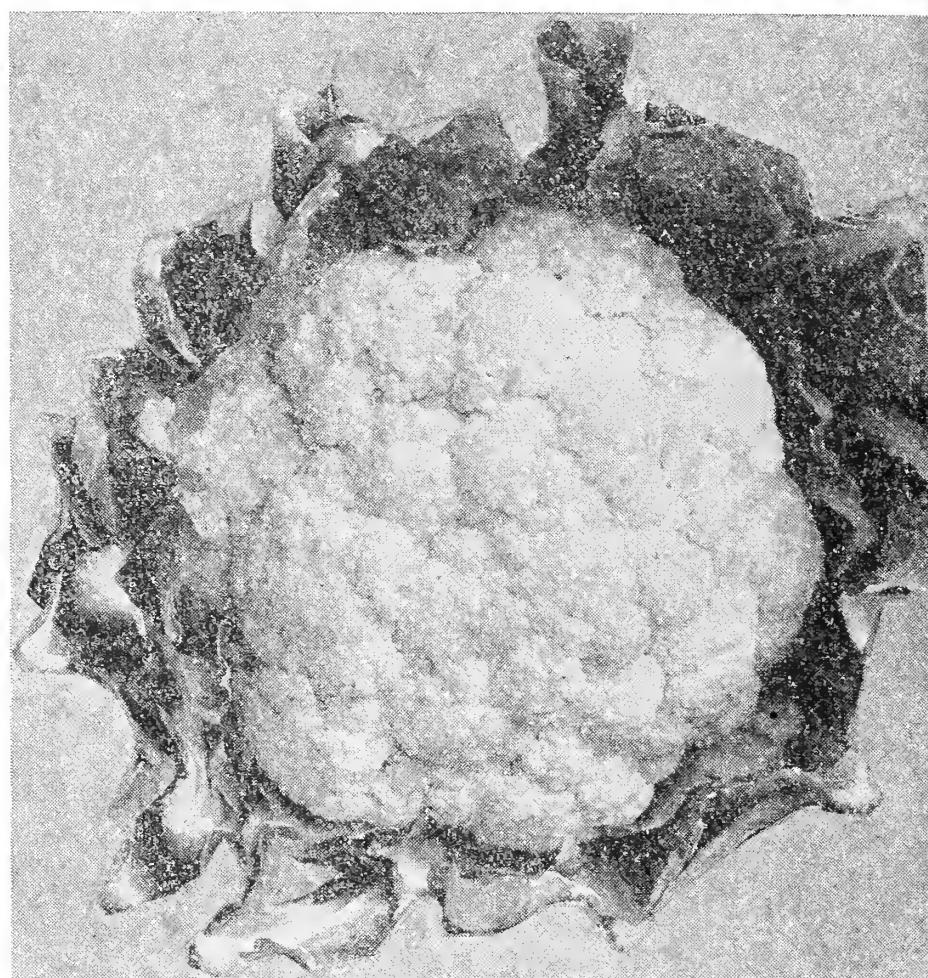
Model (See back cover page)

A week later than the Snowball, but somewhat larger. Very attractive in appearance and delicious in flavor. It is not only suitable for early planting but superior for late planting. Heads are large and solid and weigh from 4 to 8 pounds. **Pkt. 25c, oz. \$2.00, $\frac{1}{4}$ lb. \$8.00.**

Danish Giant or Dry

Weather

A larger and later variety that is generally planted for a fall crop. It will stand the dry weather of the summer months better than any other variety. **Pkt. 25c, oz. \$2.00, $\frac{1}{4}$ lb. \$8.00.**



Model Cauliflower—See Back Cover Page



"We took first prize at the Fair, and surely think it's the best seed we ever had."

Celery Field Grown From Gould's Self-blanching Strain by Kokesh Bros., Hennepin County, Minnesota

CELERY

CULTURE. For early planting sow in greenhouse or hotbed from the 1st to the 15th of March. Celery seed being so small and slow in germinating it is very essential that the seed bed be well prepared. Sow the seed in rows two inches apart and do not cover with more than $\frac{1}{8}$ or $1/10$ of an inch of fine soil, press down firmly and cover with burlap. Moisten daily by sprinkling the burlap until seed is germinated. When 4 to 6 inches high they may be planted in the open if the weather permits and the soil can be well prepared.

Gould's Reliable Self Blanching

We are still offering the same improved strain of our Reliable Self Blanching Celery which has all the characteristics of the old dwarf strain besides being a quicker and more robust grower. The seed is of French grown stock which has been brought to its present high standard of perfection after many years of careful selection. The stalks are tender, brittle and very fine flavored. It is almost double the size of the common strain. Owing to the extra large size to which it grows it is advisable to plant further apart than is customary. **Pkt. 15c; oz. \$1.75; $\frac{1}{4}$ lb. \$6.00; 1 lb. \$20.00.**

Golden Self Blanching American Grown Seed

Somewhat similar to Gould's Reliable, but not as true to type nor as tender. **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$4.75.**

White Plume

The earliest celery grown. It is hardy and requires very little effort to produce. Is in much demand for market on account of its fine appearance, also because it requires very little time for blanching. **Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50.**

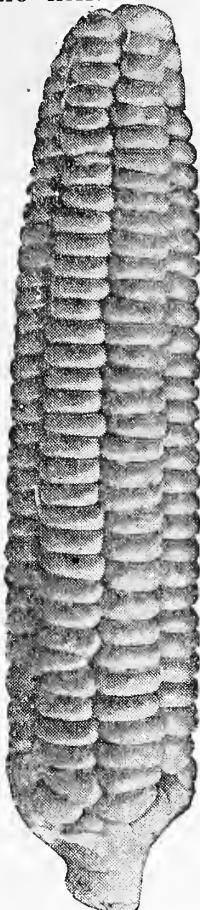
Giant Pascal

A very popular variety for winter use. It has very large stalks which when bleached are of a creamy yellow color. Stalks are exceptionally thick with heavy hearts. **Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.50.**

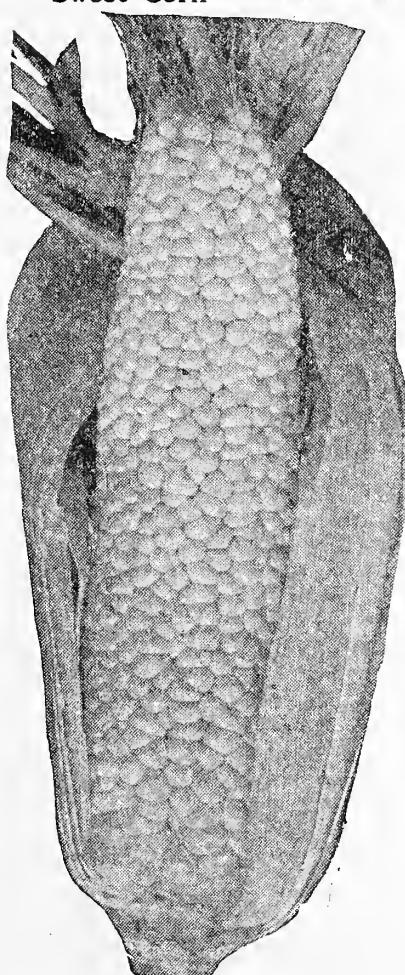
Easy Blanching

Recommended for both early use and for keeping during the early winter. The plants make a quick, healthy growth, are tender and brittle, and have a very rich flavor. **Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$4.75.**

CULTURE. Have your soil well prepared but do not plant sweet corn until the ground is warmed up thoroughly. Then the early varieties may be planted in hills 30 inches apart both ways while the later varieties should be planted 3 to 3½ feet both ways. Plant 5 or 6 kernels to the hill from 1 to 2 inches deep. Cultivate to keep free from weeds, and when corn is well started thin to 4 stalks to the hill.



Golden Bantam
Sweet Corn



Country Gentleman Sweet Corn

SWEET CORN

Varieties Listed in order of Earliness

Early Dow.

A week earlier than Golden Bantam. The ears are small but well shaped. Being the first on the market it commands a good price. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 35c; 5 lbs. \$1.25; 10 lbs. \$2.20.

Peep O'Day

A very early white sweet corn of excellent quality. Stocks grow only about 4 feet high, but very often yield 2 or 3 well shaped ears on each stock. The ears are from 5 to 6 inches in length having 8 to 12 rows of pure white kernels which are very tender and sweet. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 30c; 10 lbs. \$2.00.

Gould's Early Golden Giant

Gould's Golden Giant excels all other early varieties in size, productiveness and quality, and all of the late varieties in quality and early maturity. Because of the extreme tenderness, combined with the exquisite rich sugary flavor, the Golden Giant has become the standard of perfection for sugar corn. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.00.

Golden Bantam

Recognized by most every one as the sweetest corn grown. It produces a fair sized ear of beautiful golden yellow kernels. May be planted at intervals of two weeks until July 1st. Is very hardy and productive. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs., \$2.00.

Barden's Wonder Bantam

A new selected strain of Golden Bantam Sweet Corn which has retained the delicious taste and tenderness of the original Golden Bantam but still produces a much larger ear. This corn was bred up to its present high standard by Mr. Barden, a Sweet Corn expert of Ohio. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.00.

Early Minnesota

Is a standard early sort of very good quality, just a few days later than Golden Bantam but with little larger ears of white grains. Very desirable where seasons are short. A fine corn for market, home and canning use. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

Extra Early White Cory

A well known early variety. Ears are about 6 inches long with 8 rows of broad kernels. Grows well where seasons are short, and can be recommended for general planting. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 25c; 5 lbs. \$1.00.

Howling Mob

Is a second early variety of very good quality. The stalks will grow 5 or 6 feet high, producing one or two ears on each stalk. The ears are 7 to 9 inches in length and are well covered with a heavy husk, affording protection from green worms which so often are destructive to early varieties. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 30c; 10 lbs. \$2.00.

Pocahontas

A large early variety of very uniform growth. The ears are 6 to 8 inches long and are evenly filled with broad, white kernels which are tender and sweet. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 30c; 10 lbs. \$2.00.

Golden Giant Evergreen

A large yellow Sweet Corn obtained by crossing Golden Bantam with Stowell's Evergreen. The ears are 8 to 9 inches long and contain 12 to 14 rows of beautiful yellow kernels. The flavor is very much like Golden Bantam. Matures about two weeks later. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 35c; 10 lbs. \$2.00.

Early Evergreen

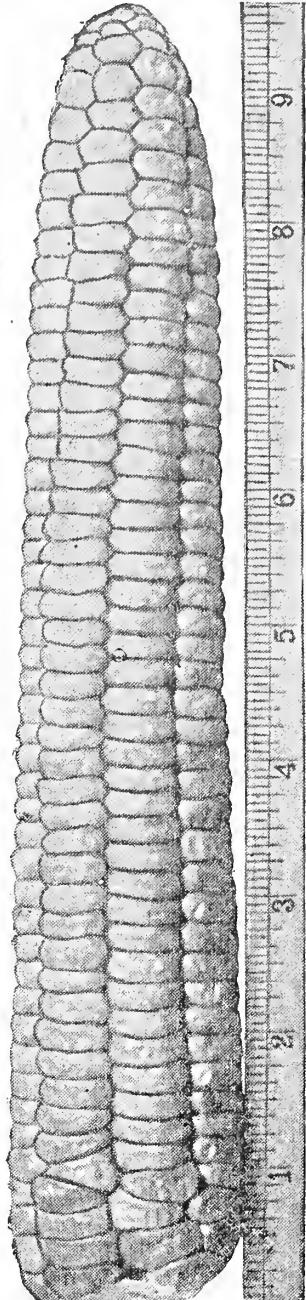
Although called Early Evergreen it is not real early, but rather should be classed as a late sweet corn. It is however, the earliest of the late varieties. It produces large white ears of extra fine quality, which mature about 10 to 15 days ahead of Stowell's Late Evergreen. We recommend it very highly for both home and market gardens. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 35c; 10 lbs. \$2.00.

Country Gentleman

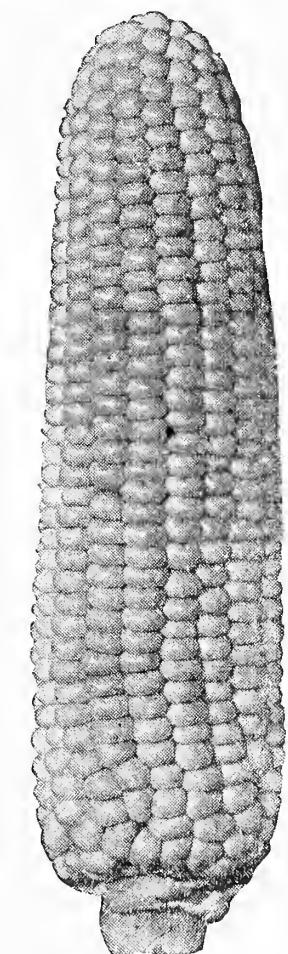
A great favorite for the home garden. It does not grow very large but the kernels being very deep and packed so tightly together that the food value from one ear is almost as great as that on larger ears. The flavor is delicious. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 35c; 10 lbs. \$2.00.

Stowell's Late Evergreen

The best known and most popular late variety. Its large ears with long deep kernels of a rich sugary flavor can not be surpassed. Mam. Pkt. 10c; ¼ lb. 15c; 1 lb. 35c; 10 lbs. \$2.00.



Barden's Wonder
Bantam



Stowell's Evergreen



CUCUMBER

CULTURE. Plant in hills 6 feet apart each way, 10 to 20 seeds may be planted in each hill, covering a circle 15 inches in diameter. When plants are three or four inches high they may be thinned to 5 or 6 to a hill, allowing for cut worms and beetles destroying one or two. Cultivate frequently until the vines cover the ground. The seed may also be started in berry boxes by placing them in a hot-bed. When weather is suitable—settled and warm—remove the box as plants are placed in the garden. The fruit should be gathered as soon as large enough for use, or else the productiveness of the vines will be permanently injured.

N. K. & Co's. Sterling

One of the earliest cucumbers of the White Spine type. For general use it is unsurpassed. It can be picked at any size and used for pickles if desired, and will also make a fine large cucumber. Is one of the most attractive and heaviest producers, coloring up to a very deep green. Its excellent quality, being brittle and crisp with a delicate flavor, has made it suitable for market, shipping and home gardens alike. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

Davis Perfect

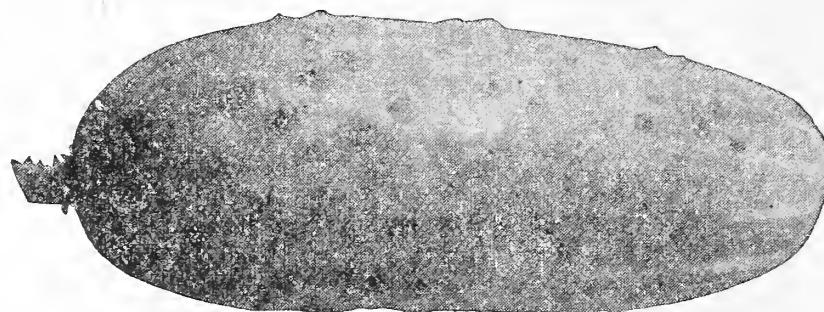
A selected strain of Long White Spine which retains its dark green color and good qualities long after being picked. The flesh is crisp, solid and fine flavor, and has but few seeds. Will average about ten inches or more in length, is quite slender, tapering slightly at both ends. The vines are very vigorous and good producers. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

Cool and Crisp

A strain of the White Spine, large, of dark green color, fine for table use, also for pickling. Matures early. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

Gould's Pickling

Fruit is of medium size slightly tapering at each end, and of a deep green color. The flesh is crisp and tender. It is very productive. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.



Gould's Pickling Cucumber.

Long Green

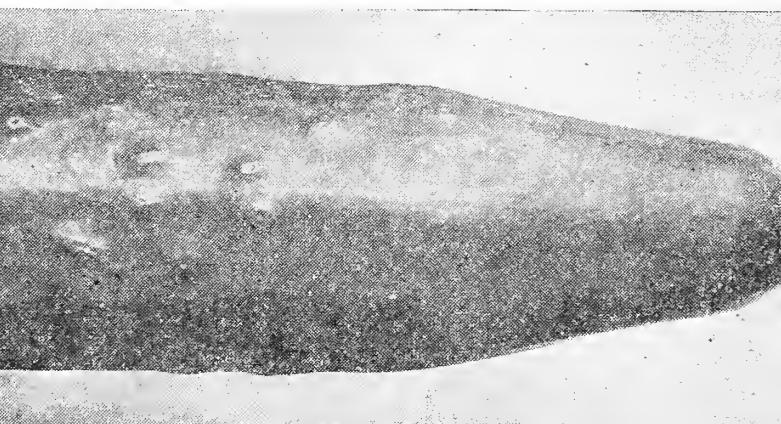
Produces dark green fruit from 10 to 14 inches long. Flesh is firm and crisp. Fine for slicing, also desirable for ripe cucumber pickles. The bulk of the crop matures late, and is in much demand for both the home garden and for market gardeners. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

Boston Pickling

Very productive, and grown mostly for pickles. The fruit is medium size, bright green in color, and smooth, with the flesh crisp and tender. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

Chicago or Westerfield Pickling

Is medium in length, pointed at each end, and has large spines. Is very prolific, and a favorite of many who grow pickles on a large scale. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.



The Vaughan

Arlington White Spine

One of the earliest and true to type of the White Spine family. Has a bright deep green color. Measures 8 to 10 inches in length, and is somewhat slender and pointed at both ends. Is much used for the home garden and for bulk pickles. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

Extra Long White Spine

An extra fine variety for either greenhouse or outdoor crop. It grows to a large size in a very short time and commands fancy prices on account of its fine appearance. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

White Spine Evergreen

A fine strain of White Spine bearing smooth, round, dark green fruit 10 to 12 inches long of fine quality. Especially recommended for hotbed culture. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

Japanese Climbing

A vigorous grower. Very desirable for planting along fence or trellis in small gardens. Fruit 10 to 12 inches long, tender and crisp. Very fine for table use. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1 lb. \$2.00.

The Vaughan

Is the finest extra long cucumber ever offered. The average length when matured is from 12 to 18 inches and the diameter from 2 to $2\frac{1}{2}$ inches at the center, tapering gradually at both ends. It has a beautiful smooth green skin and very few seeds. Very desirable for slicing. It will retain its color and firmness indefinitely making it very popular for shipping. We recommend The Vaughan for either hothouse or outdoor growing. The seed supply is very limited, so order early. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.25; 1 lb. \$4.00.

Klondike

A white spined cucumber of medium early maturity, fruits averaging about eight inches in length and two inches in diameter, uniform in size and shape.

The vines are very hardy and productive and continue long in bearing. Market gardeners find this variety especially desirable because it retains its dark green color much longer and is less affected by the hot sun than most other sorts. Much used as a shipping cucumber, but is also adapted for the home garden. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.25.

EGG PLANT

CULTURE. Sow in hotbed in March and April, and when two inches high transplant to pots or boxes to develop growth. About June 1st plant in field or garden 2½ to 3 feet apart each way and cultivate same as cabbage or tomato. Protect young plants from sun as much as possible, also see that potato bugs do not infest the plants and destroy them.

New York Spineless

The standard for the garden. The plants are stocky and low branching and produce extra large dark purple fruit of perfect shape. Is the handsomest type and most perfect strain of Egg Plants, usually bearing eight to ten large fruits of the finest quality, during a season. Pkt. 10c, oz. 60c, ¼ lb. \$1.75, 1 lb. \$6.00.

Black Beauty

Slightly earlier than the N. Y. Spineless but not so large. The skin is of a rich dark purple color, and very desirable for market as the skin holds its color for a long time. Pkt. 10c, oz. 60c, ¼ lb. \$1.75, 1 lb. \$6.00.

ENDIVE

This plant furnishes attractive and appetizing salad for the fall and winter months, or by repeated sowing a supply may be had nearly all the year round. Useful in flavoring soups, stews, etc. Makes delicious greens if cooked like spinach.

CULTURE. Cultivation same as for lettuce.

Broad Leaved Batavian

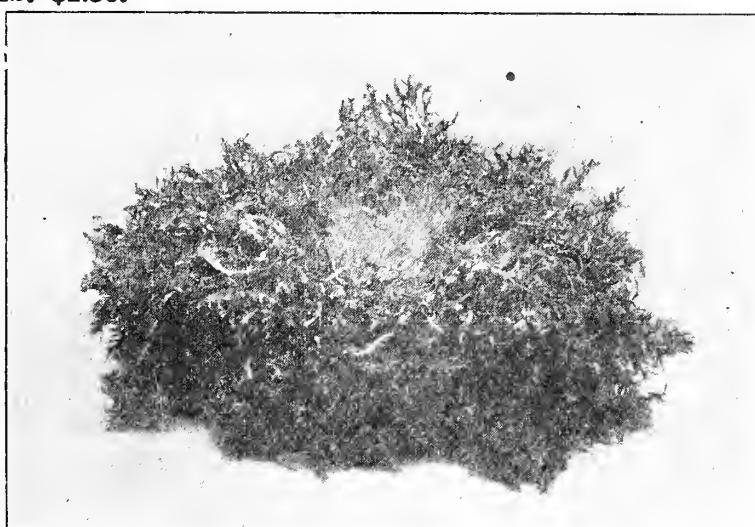
One of the best varieties for salads. Leaves are broad, more or less twisted and waved with bright deep green, with nearly white midrib. Inner leaves form a fair head which blanches to a creamy white. Crisp, tender, and of fine flavor. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

Green Curled

A hardy and vigorous grower, with bright deep green leaves finely cut. The leaves should be tied up in the shape of a head for 3 or 4 weeks before using. This variety is also very popular with Market and Home Gardeners. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

White Curled

Leaves are of a very light yellowish green that bleaches almost white. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.



Green Curled Endive

GOURDS

Plant about June 1st wherever a screen is wanted to cover an old fence or shade for poultry. Fruit is used largely for ornamental purposes. Mixed varieties. Pkt. 5c, oz. 35c, ¼ lb. \$1.00, 1 lb. \$3.50.

KALE

CULTURE. Sow in May or June and cultivate the same as cabbage. Makes excellent greens and is improved by light frosts.

Dwarf Curled

A very finely curled dwarf spreading variety. Foliage is long and bright green. Is even more hardy than cabbage, and produces excellent greens for winter and spring use. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

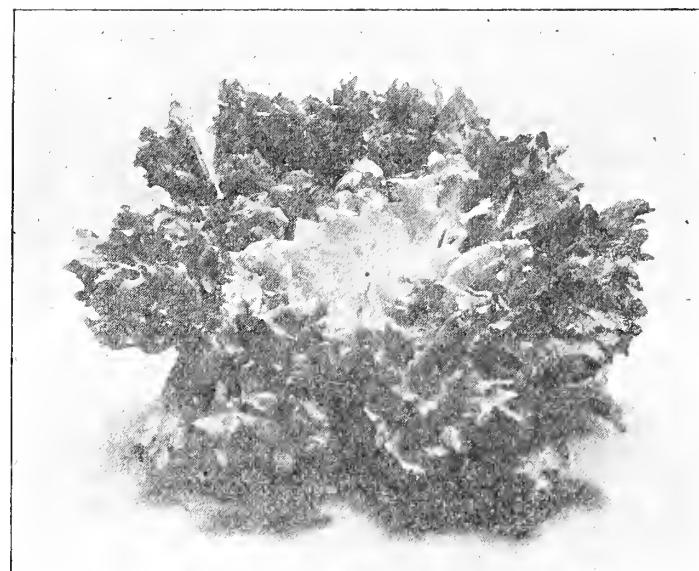
Tall Curled

This variety grows to a height of two and three feet, bearing long plume-like leaves of a light green color. Is another very hardy Kale that is rather improved than injured by fairly heavy frosts. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.



J.B.R.S.Co.

New York Spineless Egg Plant.



Broad
Leaved
Batavian
Endive.

KOHL RABI

CULTURE: Sow in drills 15 inches apart, ½ to ¾ inch deep. When a few inches high thin to 6 to 8 inches apart in the row and cultivate same as beet. Bulbs grow above ground. Roots should be prepared like turnips or cauliflower for cooking, having a much sweeter and finer flavor than the turnip.

Early White

Very early, producing small white bulbs. Used especially for forcing. One of the best for table use. Pkt. 5c, oz. 30c, ¼ lb. 90c, 1 lb. \$2.75.

Early Purple

Very much the same as White excepting in color, the skin being purple. Bulbs are of medium size, with the flesh white. Much used for early outdoor planting or forcing. Pkt. 5c, oz. 30c, ¼ lb. 90c, 1 lb. \$2.75.

LEEK

American Flag

Sow about May 1st in drills 12 inches apart from ½ to 1 inch deep. When 6 inches high transplant to rows 15 inches apart and 5 inches apart in row, setting the plants in the ground up to their center leaves and drawing the ground up as they grow, causing them to bleach. This makes the leek more palatable. Pkt. 5c, oz. 30c, ¼ lb. 90c, 1 lb. \$3.00.



LETTUCE

CULTURE. Lettuce is the most popular of all salad plants and at the same time is one of the easiest to grow due to its comparative freedom from disease and insects. All types of lettuce will do very well on rich, loose, light loams or on any good garden soil, but should never be planted on heavy compact soil. Seed may be sown in the open from April 20th to August 1st, or planted in the house or in frames any time after March 10th. Rows to be $1\frac{1}{2}$ feet apart, plants four inches apart in row after thinning. One ounce of seed will sow 150 feet of row, 2 to $2\frac{1}{2}$ lbs. required per acre.

LOOSE LEAVED VARIETIES

Grand Rapids

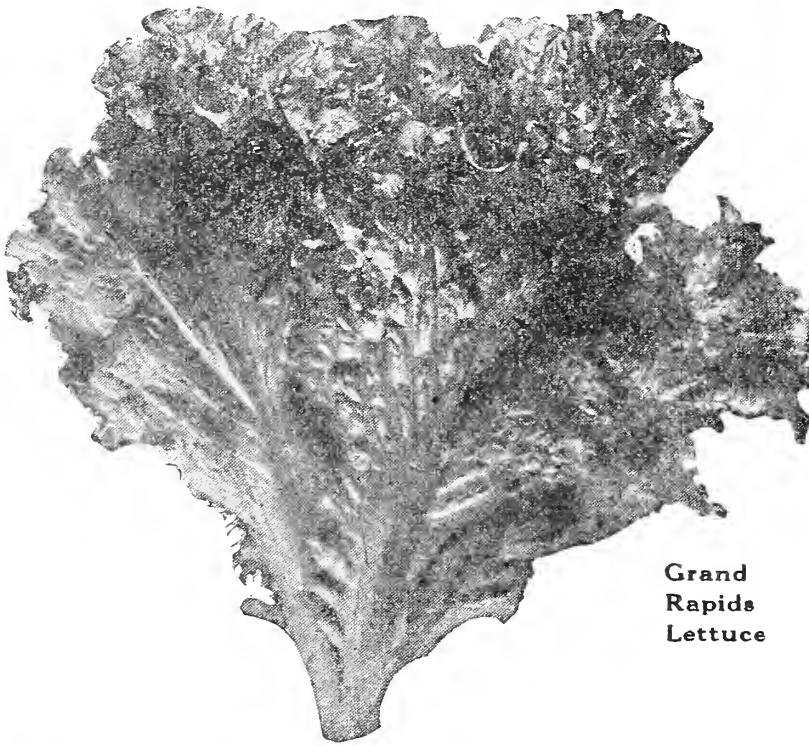
The most popular variety to grow for market. When exposed for sale it retains its handsome fresh appearance longer than any other variety. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Black Seeded Simpson

One of the best for outdoors. It has large, thin, loose leaves of light green color, which are very tender and crisp. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Prizehead

The name is rather deceiving, it being a crisp and tender, loose leaf sort with a reddish brown tint of fine quality. One of the best for the home garden for it is easily grown. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.



Grand
Rapids
Lettuce

Culture for Head Lettuce

If lettuce plants have been started indoors as suggested at the top of page, they should be transplanted as soon as they begin to crowd. Place them six to twelve inches apart in the row in extra rich soil and if the sun has become very hot, it will be best to furnish partial shade. Keep the soil well cultivated around the plants to destroy weeds and preserve a soil mulch. Water frequently during dry weather.

HEADING VARIETIES

Sterling

The earliest of the Heading Varieties, fine for forcing, as well as for the home garden. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Black Seeded Tennis Ball

One of the best medium size for forcing or early outdoor planting. Heads are solid, sweet and tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Big Boston

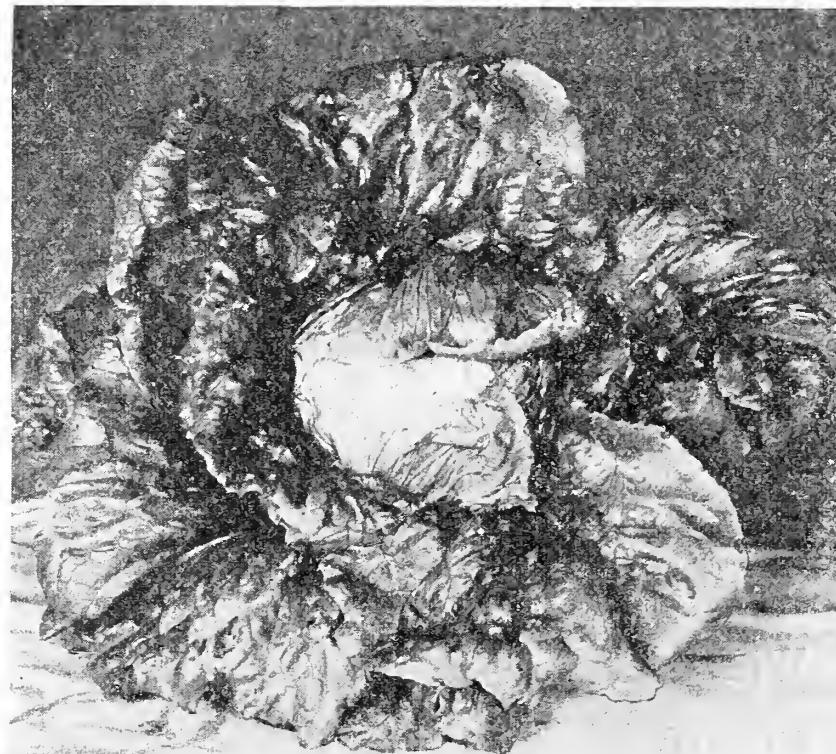
A standard head lettuce and a favorite with the Market Gardeners. Is very hardy and vigorous and quite tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Crisp as Ice

A large solid head with outer leaves variegated brown and green. Has a delicious flavor and is the ideal lettuce for the home garden. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Iceberg

Heads are large and firm and well blanched. Color of leaves is light green with faint brown tracing on the border. Is a quick grower, heads being always crisp and tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.



New York or Wonderful Lettuce

Hanson Head

An old reliable sure heading sort. Color clear light green. A fine variety for midsummer planting as it stands the hot weather better than most sorts. Much in demand by both the Market and Home Gardener. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

May King

A large early compact heading variety, unequaled for early spring planting. The outer leaves are of a light yellowish green, tinged with reddish brown. The heart bleaches to a rich golden yellow, having a fine, rich buttery flavor. Heads weigh nearly a pound on the average. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

New York or Wonderful

A very large, late popular heading variety. It roots deeply and therefore can resist the hot dry weather, making it very desirable for late planting. The color is a clear dark green, the heart blanching beautifully, being crisp, tender and delicious. This lettuce is sometimes erroneously called Iceberg, but should not be confused with the real Iceberg which has a slight brown tracing on the border. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Tenderheart

A large early head lettuce of very fine appearance. The heads are very compact and tender, with a delicious flavor. The color of the outside leaves is pale green with a reddish brown tinge. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Salamander

It forms large solid heads of thick, smooth, tender leaves of fine quality. It withstands hot weather remarkably well, and remains in head a long time before going to seed. Therefore can be planted any time during the summer. One of the best heading varieties to grow outdoors. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Paris White Cos

A very distinct variety of lettuce, having large, elongated, compact heads of oblong shape. Bleaches mild and crisp, especially if tied like cauliflower. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.



MUSKMELON

CULTURE. Muskmelons do best on moderately rich light, warm mellow loam. Do not plant until the ground has warmed thoroughly, as they will start quicker and be able to withstand the attacks of insects so much better.

Plant in hills 5 or 6 feet apart both ways. Mix in the hill before planting, one large cupful of Garden Fertilizer. Plant 1 inch deep, 10 to 15 seeds to the hill. When plants are 3 inches high, thin to 4 or 5 in a hill, leaving the best plants.

Gould's Osage

A selected strain of Miller's Cream or Osage. The fruit is nearly round and slightly ribbed. The skin is dark green and partly netted. The flesh is of a deep salmon color, very thick and sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Improved Hoodoo, or Hearts of Gold

Medium size, round and distinctly ribbed. The skin is thickly netted and the flesh a rich deep orange color of fine quality, with a very small seed cavity. Very solid and firm.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.75.

Paul Rose or Petoskey

An oblong melon of the Osage type but smaller. The fruit is deep green slightly ribbed and fairly netted. The flesh is a rich orange color, very sweet and highly flavored. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Honey Dew Melon

Is in a class by itself. It is almost round; the skin is smooth and of a creamy yellow color. The flesh is light green and very sweet. We recommend starting in cold frames. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

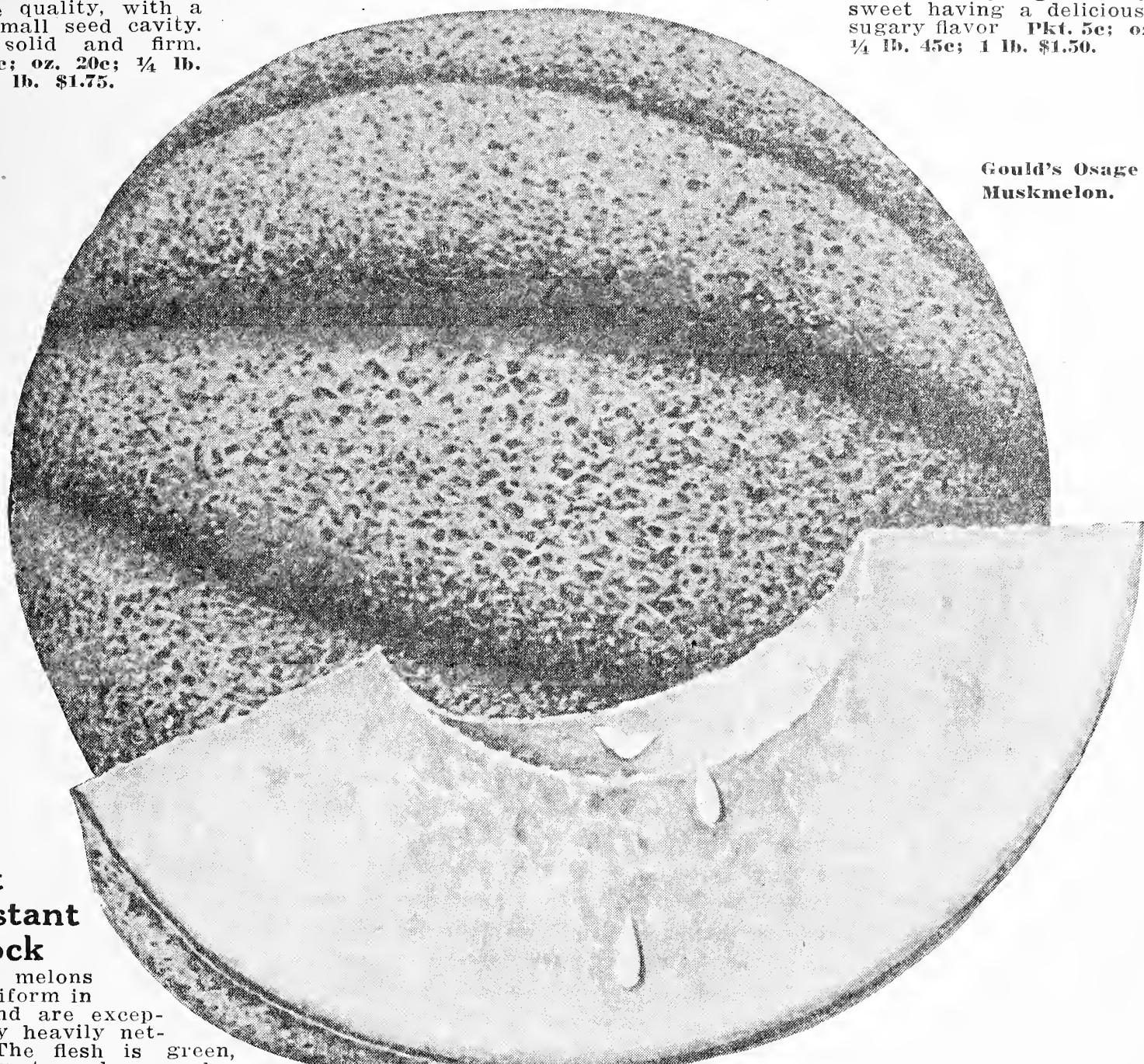
Late Hackensack or Turk's Cap

Fruit is large, round, heavily ribbed and netted. Meat is green, very thick and sweet. A heavy yielder. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Extra Early Hackensack

Is the earliest of the large netted varieties. The skin is green netted; with flesh also light green and very sweet having a delicious rich, sugary flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Gould's Osage
Muskmelon.

**Rust
Resistant
Pollock**

These melons run uniform in size and are exceptionally heavily netted. The flesh is green, shading to salmon color near the seed cavity which is unusually small. The meat is firm and the flavor unexcelled. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Netted Rock

A heavy meated cantaloupe of the Rocky Ford type. The flesh is green, tinged with salmon pink around the seed cavity. The flavor is delicious, being sweet, luscious melting. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Milwaukee Market

A variety that has become very popular during the last two or three years with the Market Gardeners. It is early, of medium size nearly round, slightly ribbed and fairly netted. It has a thick salmon colored flesh which is very sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

The Golden Champlain Cantaloupe

This cantaloupe undoubtedly surpasses all others in yield, appearance, flavor and earliness. It is heavily netted, has a thin but tough rind, very thick flesh and small seed cavity. The flesh is a rich golden color, very tender, juicy and sweet. It is fine grained, free from stringiness, and uniformly delicious clear to the rind. Growers who are fortunate enough to have this cantaloupe always get top prices and very seldom have enough to supply the demand. Our supply of seed comes from the originator and is very limited. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.00.



MUSKMELON—Continued

Early Osage

Not as large nor sweet as Gould's Osage, but matures a few days earlier so that they bring a better price on the market. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Salmon Fleshed Rocky Ford

This variety has rapidly grown in favor. The flesh is a rich salmon color and fine grained. The seed cavity is unusually small, which accounts for its superior shipping qualities. Very desirable for the home garden. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Yellow Meated Japan

The melon is nearly round, grows to a large size, often weighing from 10 to 12 pounds each. It is unevenly ribbed, the skin turning from greenish white to yellowish white when ripe. The flesh is very thick of extremely delicious flavor, the color deep salmon. A fine melon. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

Early Netted Gem

Slightly oval in form, finely netted, being a light golden hue when fully ripened. Flesh light green in color, ripens close to the skin and is very sweet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

WATERMELON

CULTURE. The soil must be rich, light, sandy loam to obtain best results. Plant in hills 8 to 10 feet apart each way, putting 10 to 15 seeds in each hill from $\frac{1}{2}$ to 1 inch deep. When 3 inches high, thin to about 4 plants in each hill. Cultivate often.

Winter Melon

This melon is without a doubt the sweetest, firmest, most crisp and delicious of any watermelon grown. The rind is but $\frac{1}{8}$ to $\frac{1}{4}$ inch thick. If picked from the vines before frosted, and placed in a cool dry place or buried in dry sand, it will keep until the Holidays. The Winter Melon will, however, keep well most any place, for two or three months after being picked. The Winter Melon is late to mature, is nearly round, and looks very much like a citron. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Fordhook Early

An extra early Watermelon of large size. The rind is tough, making it desirable for shipping purposes. Flesh is bright red and very sweet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Tom Watson

A large, oblong Melon, the skin of which is dark green, with thick netting on the entire surface, quite distinct from other varieties. It averages 18 to 24 inches long and 10 to 12 inches in diameter and weighs 30 to 40 pounds. The rind is thin but tough and flesh a bright, attractive red color, crisp, sweet and delicious. The heart is large with no core. The appearance and quality of this Melon make it desirable for both home and market use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Improved Kleckley's Sweets

Oblong, medium early and of fair size. Skin is dark green and flesh a bright scarlet. One of the best early varieties for home use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Harris' Earliest

A large early melon of oval shape. Skin green striped. Flesh bright red, and very delicious and tender. One of the first maturing melons. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 90c.

Ice Cream or Peerless

Rind thin, of a light green color. Flesh bright scarlet and solid to the core. Is very sweet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 90c.

Klondike

One of the earliest and best watermelons for the Northwest. It is almost round and grows to a fair size. Skin is of the light striped green color. The flesh is a deep scarlet, very sweet and firm. The rind is thin, making it an ideal melon for the home gardens. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Phinney's Early

Very early, of medium size. A good producer, of oblong shape, with thin smooth rind, and fine quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Gypsy or Georgia Rattlesnake

One of the largest and finest melons grown. Is finding favor with Northern growers, as it is a splendid keeper and shipper. Is oblong in shape, striped and mottled with green. Flesh is brightest scarlet, of sweet and delicious flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 90c.

Citron for Preserves

Fruit is round and smooth, and very prolific. It is not edible raw, but makes very fine transparent preserves, of a peculiar fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



Klondike Watermelon

MUSHROOMS

Lambert's Pure Culture Spawn

In bricks of 18 to 24 ounces each. 1 brick will spawn 10 square feet of bed. Prices per brick postpaid; 40c each; by express or freight 10 bricks \$2.50; 25 bricks \$5.00; 100 bricks \$18.00 F. O. B. St. Paul, Minn.

MUSTARD

Giant Southern Curled

Used largely for salads or greens. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

White Seeded

This seed is used for flavoring Pickles. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

OKRA

CULTURE. Sow the seed thickly in rich ground as soon as the ground has become warm, in drills 3 feet apart and one inch deep. Thin out to ten inches apart and cultivate freely.

Mammoth Long Podded

Very productive and bear dark green pods from 8 to 9 inches long. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Dwarf Green

Grows low, but stocky and is very prolific. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

White Velvet

Has long smooth white pods which are very tender until almost full grown. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



Field of Gould's Minnesota Yellow Globe Onions.

Considering the unusually poor growing weather in 1926, the fact that every onion matured and was harvested late in August, is really remarkable. Good seed counts under these conditions.

ONIONS

Gould's Minnesota Globe Onions

Everywhere Globe Onions bring the best prices and since our Minnesota Red, Yellow and White strains are the most highly developed of all globes we confidently recommend them to growers who want onions that will top the market.

A sound, well-ripened onion crop can be put away in the Autumn and held for 6 to 8 months under suitable conditions with a shrinkage of not much more than a pound per bushel per month. Experienced growers are careful, however, to plant a select strain of seed which has been bred to produce long-keeping, perfectly ripened bulbs. Consequently the demand for our Minnesota strains is continually increasing; many growers now place their orders a year in advance.

CULTURE. Sow just as early as possible that is, when the ground can be worked up nicely. Have your seed bed in perfect shape, for onions are slow in coming up and require close cultivation. It is sometimes advisable to mix a few radish seeds with your onion seed so as to allow for earlier cultivation. One ounce of seed will sow 200 feet in drill $\frac{1}{2}$ inch to 1 inch deep, 4 to 5 pounds of seed to an acre drilled 13 to 14 inches apart for hand cultivation or 20 to 22 inches apart for cultivating with horse. Cultivate often. Do not allow soil to bake.

RED VARIETIES

Gould's Minnesota Red Globe

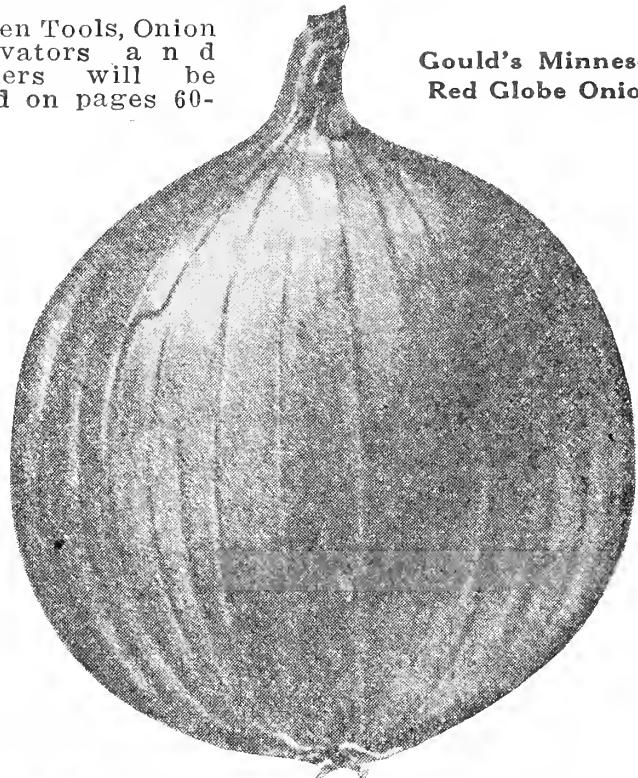
This beautiful strain of Red Globe onions is the result of many years' selection. For trueness of type, perfection of color and long keeping qualities, it is recognized as the best there is. The color of Minnesota Red Globe is a deep blood-red, extra dark, while the surface is smooth and glossy. The flesh is white, tinged with light purple, fine grained and unsurpassed in flavor. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50; 5 lbs. \$2.25.

Large Red Wethersfield

One of the oldest and best known types of red onions. It is large and quite flattened. Used extensively now for growing sets. Skin is purplish red, smooth and glossy; flesh white, slightly tinged with pink, and strong flavored. Grows well on poor or dry soil, and is a sure cropper and heavy yielder. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00.

Garden Tools, Onion Cultivators and weeders will be found on pages 60-61.

Gould's Minnesota Red Globe Onion



Large Red Globe

A handsome, dark red, globe-shaped Onion. It averages three inches in diameter and nine to ten ounces in weight. The bulbs have thin necks, which ripen down forming a hard solid, globular bulb. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.

Red Bermuda

Bulbs of this variety are similar in form and early ripening to the Bermuda White, but grow large in size, ranging from three to four inches in diameter; very flat and of a light pink color. The flesh is white, slightly suffused with pink. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.40; 1 lb. \$4.60.

Southport Red Globe

A standard Red Globe onion of very good quality, and attractive in color. This onion is very uniform both in size and shape. Grows to a diameter of from two and a half to three and a half inches. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50; 5 lbs. \$2.25.



ONIONS—Continued

WHITE VARIETIES

Gould's Minnesota White Globe

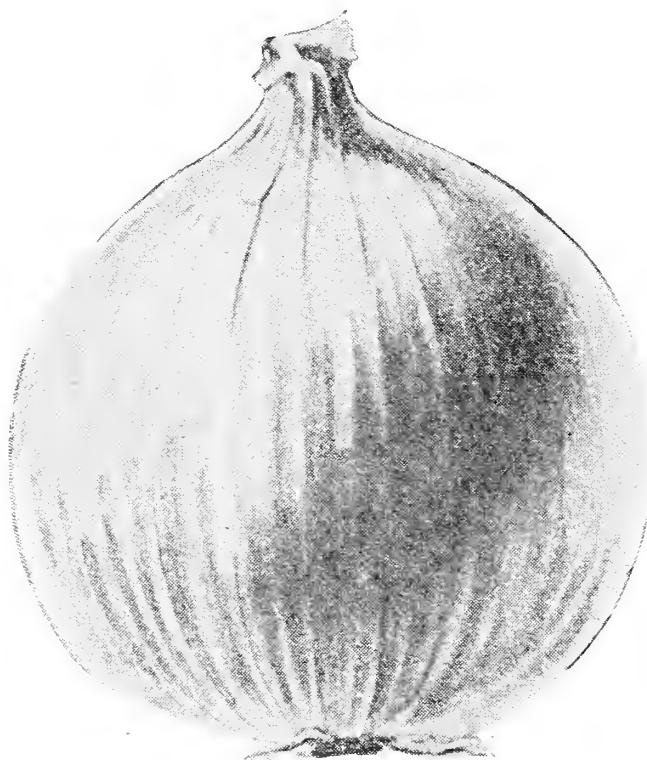
Without a doubt the best White Globe onion grown. It is pure white, mild, and a good keeper. Being much milder than the red or yellow varieties, it is much preferred for family use. Our Minnesota White Globe Onion is one of the very finest varieties in existence. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

Southport White Globe

Is a standard of the White Globe varieties. Flesh is crisp, mild, fine grained and pure white. Bulbs should be stored in a cool dark place as soon as matured. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

Gould's Pickling

For early bunching or pickling and also for sets. It is pure white, round, and very firm and mild in flavor. A splendid keeper. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; 1 lb. \$3.00.



Gould's Minnesota White Globe Onion

White Bunching

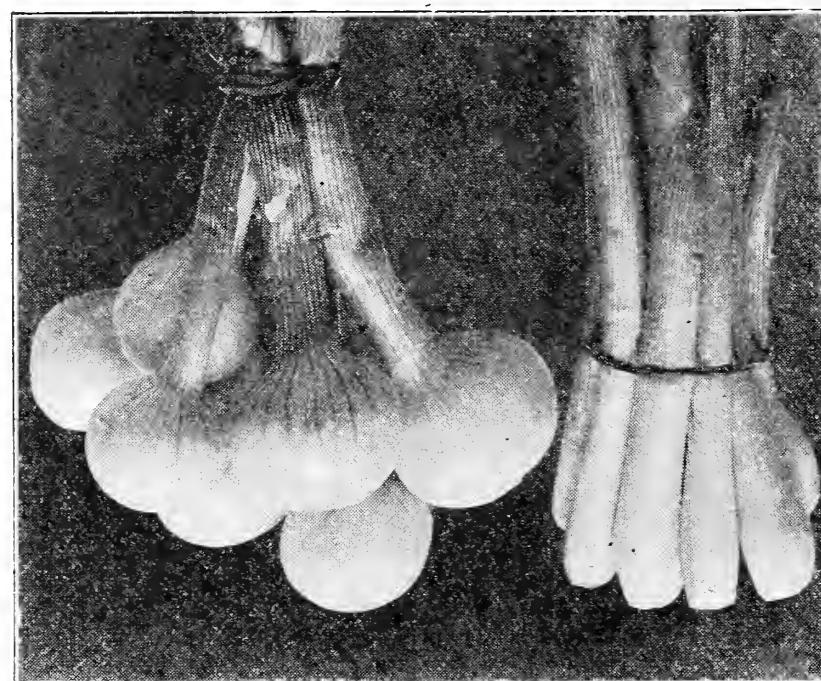
An extra early round white variety. It is exceptionally fine for early bunching, table, and for boiling. Matures large, snowy white onions. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.25.

White Welsh

A very hardy perennial onion. Used only for early bunching or table onion. Grows a very tender stem. Seed may be sown in August and September in drills 14 inches apart, for spring onions. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 75c; 1 lb. \$2.00.

Mammoth Silver King

A very beautiful onion of silvery white color, tender and mild in flavor. Very desirable for bunching, as a boiling onion, or for creaming. Grows large, is a good producer. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.



White Bunching Onions

White Welsh Onions

White Portugal or Silver Skin

Of medium size, ripening early and uniformly. Has a delicate and mild flavor. Used largely for pickling and early bunching, also for white bottom sets. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00.

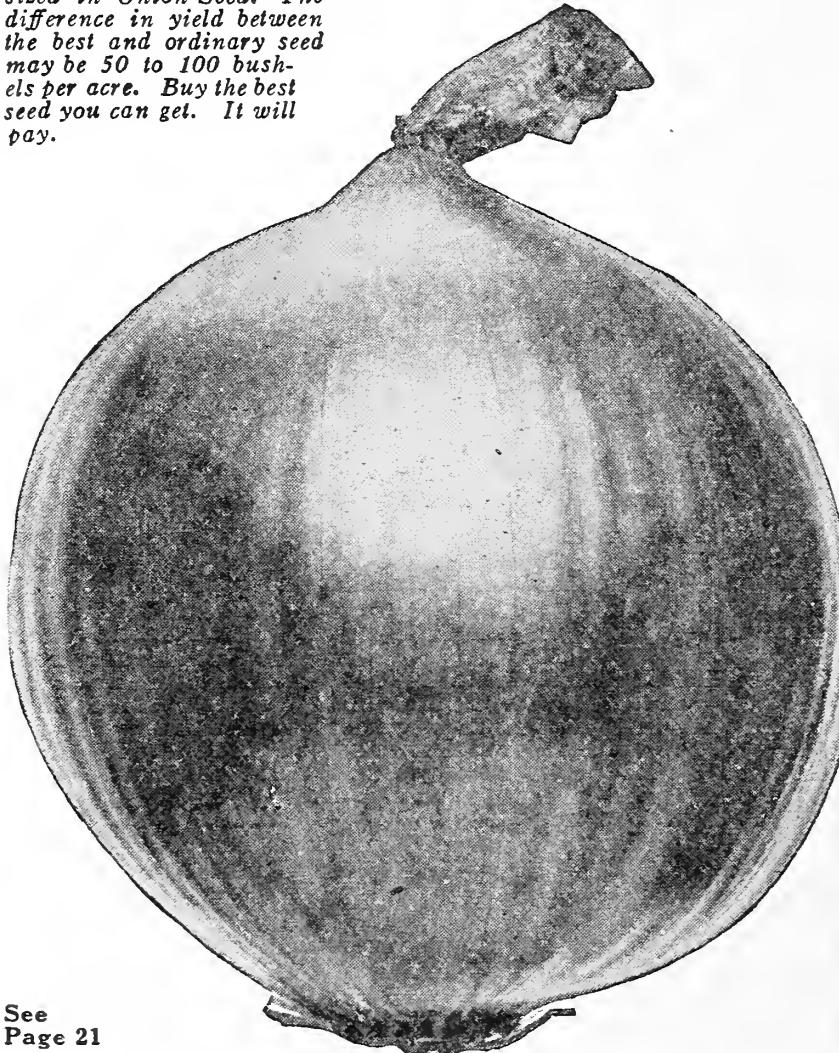
Onion Sets

Sets will be forwarded as soon as danger of freezing in transit is over, unless otherwise stated on your order. See next page for prices on sets, also Special Price List for larger quantities.

QUALITY

The importance of high quality is especially emphasized in Onion Seed. The difference in yield between the best and ordinary seed may be 50 to 100 bushels per acre. Buy the best seed you can get. It will pay.

Fertilizers Recommended for Onions are given on page 58.



See
Page 21

Onion Sets shipped thousands of miles arrived in excellent condition. Quality counts.

"The seeds and onion sets arrived in excellent condition. Thank you. The enclosed pictures are of last summer's garden, showing spinach, beets, dill, parsnips, etc. Everything grew splendidly giving us plenty of greens for table. The row of flowers by the walk is of annual Chrysanthemum. From the Swedish brown beans we planted 2 ounces and had several messes of green beans, besides getting close to a pound of dried beans."

Margareta Ahlquist, Taochow Old City, Kansu, China.

Gould's Minnesota Yellow Globe Onion

ONIONS—Continued

YELLOW VARIETIES

Gould's Minnesota Yellow Globe

This variety of Yellow Globe onion, like our Minnesota Red Globe, is a most select strain of Yellow Globe onion. It is perfect in shape, and in color, also having all the best keeping qualities obtainable. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50, 5 lbs. \$2.25.

Gould's Prizetaker

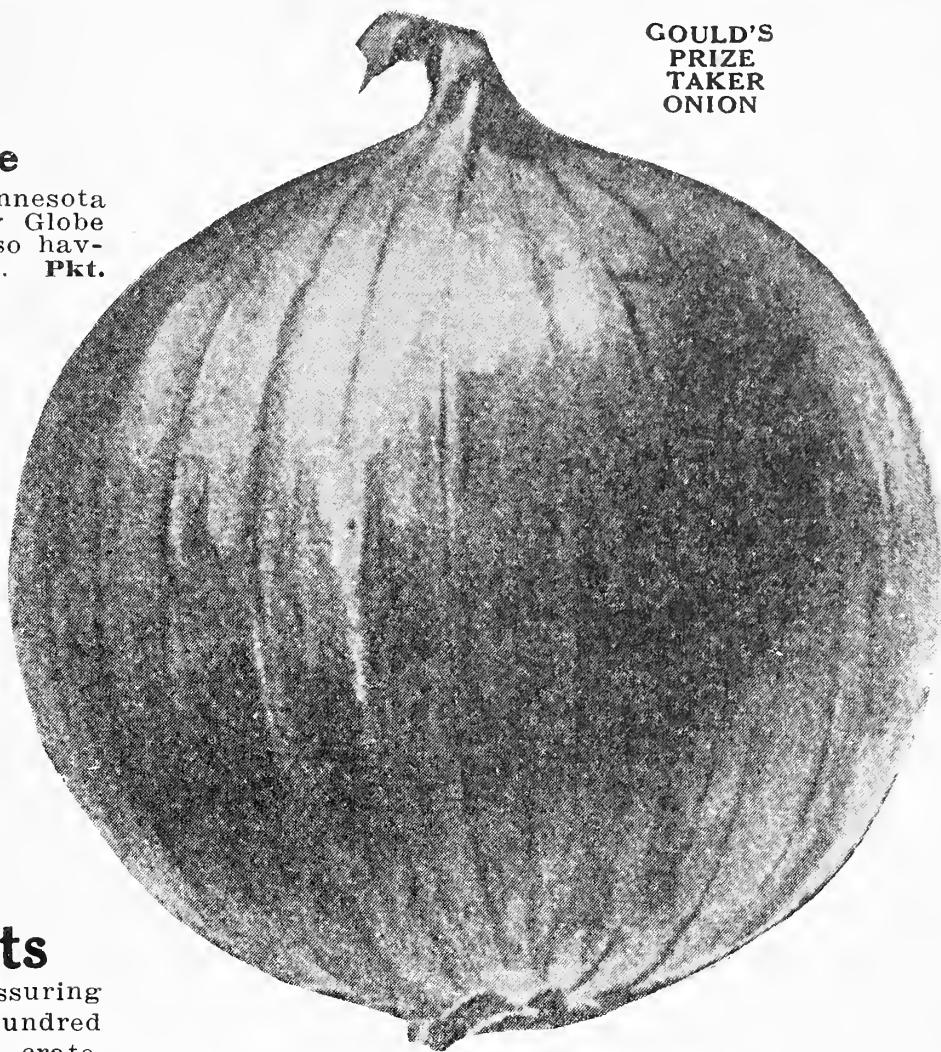
Is without a doubt the largest onion that can be successfully grown in a Northern climate. It has a straw colored skin of a beautiful appearance, and is a great favorite for Hotel and Restaurant trade. Is very solid and an excellent keeper. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.

Southport Yellow Globe

A very popular strain of Yellow Globe onion. Matures early and is a good keeper. Skin is of rich brownish yellow, the flesh white, crisp and fine grained. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.

Yellow Globe Danvers

The bulbs are large and globular with very thin necks. The flesh is white and mild and the skin is orange yellow. Is an enormous yielder, a fine keeper, and excellent for shipping. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 65c, 1 lb. \$2.00.



GOULD'S
PRIZE
TAKER
ONION

Bermuda Onion Plants

All plants are grown in open field, thereby assuring strong, hardy plants. They are tied one hundred plants to the bunch, and packed 6,000 to the crate. Planting about 3 inches apart in 16 inch rows will require 100,000 plants to the acre. In small lots these are offered at:

| | |
|---|--------|
| 100 plants, postpaid..... | \$0.50 |
| 1,000 to 5,000 plants, per 1,000, postpaid..... | 2.00 |
| Crates of 6,000 plants, F. O. B. St. Paul, per | |
| 1,000 | 1.50 |

No orders can be accepted after May 1st.



Dark Moss Curled Parsley

Onion Sets

Prices below are those existing at the time this book is being printed—January 5, 1927—and are subject to change. See special price list for latest quantity prices. Prices on Onion sets do not include postage.

| | |
|---------------------------|--------------------------|
| White Bottom Sets | 1 lb. 30c, 5 lbs. \$1.25 |
| Yellow Bottom Sets | 1 lb. 25c, 5 lbs. 1.00 |
| Red Bottom Sets | 1 lb. 25c, 5 lbs. 1.00 |
| Garlic, Large Bulbs | 1 lb. 40c, 5 lbs. 1.75 |

PARSLEY

CULTURE. Sow in early Spring in drills 14 inches apart, $\frac{1}{2}$ to 1 inch deep. Parsley requires from 20 to 30 days to show above the ground, therefore it is advisable to sow a few radish or lettuce seeds with the parsley seed as a guide for early cultivation.

Dark Moss Curled

The leaves are of an extra dark green color. It is a heavy producer, and on account of the densely curled character of its leaves a quantity can be gathered in a short time. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.

Double Curled

Fine dwarf crimped leaves. Very similar to the Dark Moss Curled excepting that leaves are a little finer curled. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.

Hamburg or Turnip Rooted Parsley

The edible roots of this variety resemble a small thick parsnip in shape and color. They may be stored for the winter and used for flavoring soups, stew, etc. The flesh is white, a little dry, with the flavor of Celeriac. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.

Fern Leaved

This is one of the best in form and color, and very suitable for mixing with dwarf ornamental foliage plants in the garden. Also very fine for garnishing. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.

Plain

The leaves of this variety are flat, deeply cut, but not curled. Is very hardy, leaves being a very dark green, of excellent flavor for soups, etc. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.



Hollow Crown Parsnip

PARSNIPS

CULTURE. Work the soil very deep and pulverize the seed bed thoroughly. Sow the seed in early Spring, $\frac{1}{2}$ to 1 inch deep, in rows 18 inches apart.

As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 4 inches apart in the row.

Cultivate sufficiently to keep the soil loose throughout the season. Freezing improves the quality of Parsnips for table use, so it is customary to take up in the Fall when the ground begins to freeze what will be needed for winter use, leaving the remainder to winter over in the ground, or better still, pitting them as is often done with other roots so that access may be had to them at any time.

One ounce of seed for 200 feet of row; 3 lbs. seed required for an acre.

Hollow Crown

Better known and more generally grown than any other sort. The roots are smooth, large, tender and sweet and of the best quality. This variety is easily distinguished by the leaves arising from a cavity on the top or crown of the root. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

Sweet Marrow

A very desirable variety for both home garden and market. Is fine grained and exceedingly sweet, with roots smooth and attractive in appearance. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

Guernsey

A very good parsnip for the home garden. Being shorter than other varieties it is easier to dig up. Roots are very smooth, the flesh fine grained and excellent quality. A heavy producer. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

PEAS

Hardy, Northern Stock

Our Peas are Northern Grown. They are produced at an altitude of 5,000 feet or more, making them the earliest, hardiest, and most productive Peas obtainable. In addition, the localities where they are raised are free from insects and other damaging pests. Much skill and knowledge is required to grow Seed Peas properly. Our Peas are carefully grown, kept true to type, are bright, handsome, sound and of strong germination.

CULTURE FOR GARDEN PEAS

Sow seed 2 inches deep in rich soil very early in the Spring and for a succession put in varieties that mature at different periods or if dwarfs only are desired, sow a few rows every 10 days throughout the season. For hand cultivation sow in rows 15 inches apart, but if grown on a large scale it is best to sow in rows from 2 to 3 feet apart and cultivate them with a horse. One lb. of seed will plant 100 ft. of row; 75 to 100 lbs. of seed required to an acre.

EXTRA EARLY ROUND SEEDED VARIETIES

Alaska

A very early smooth bluish green pea. Height $2\frac{1}{2}$ feet. Pods are $2\frac{1}{2}$ inches long, containing 6 smooth green peas. The vines are very productive, bearing

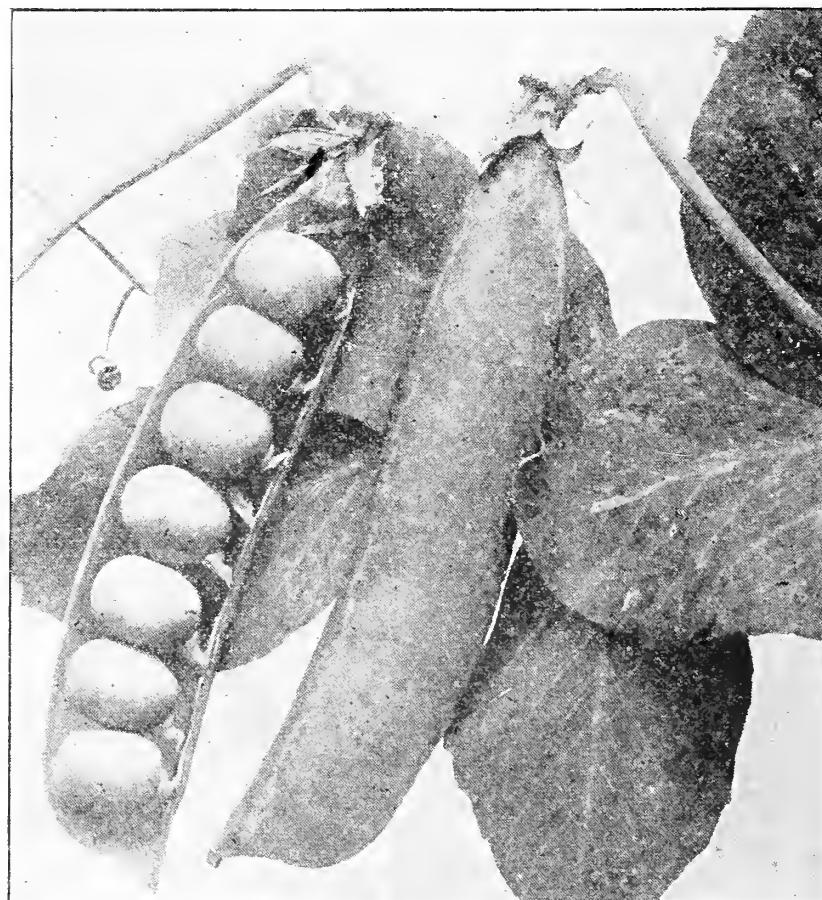
four to seven pods and in large use by commercial canners, market and home gardeners. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 5 lbs. \$1.25, 10 lbs. \$2.00.

First and Best

A standard extra smooth white seeded pea of very good quality. Vines are vigorous and hardy, grow to a height of $2\frac{1}{2}$ to 3 feet with pods containing 5 to 7 peas of medium size. Matures well together and a single picking will often be all that is necessary to gather the crop. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 5 lbs. \$1.25, 10 lbs. \$2.00.

Little Gem

Height 16 to 18 inches. It is a few days later than the American Wonder, but slightly larger and will bear for a longer period than other varieties. The Peas are green, wrinkled, of sweet delicious flavor, and excellent quality. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 5 lbs. \$1.25, 10 lbs. \$2.00.



American Wonder Peas

American Wonder

This variety heads the list of Peas in flavor and quality. The vines bear a great abundance of good sized pods containing 5 to 8 large, exceedingly sweet, tender and well flavored Peas. This is the earliest of the dwarf, wrinkled varieties, being nearly as early as the smooth sorts. The seed is medium sized, wrinkled and pale green. These Peas are especially adapted to family use as they require no brush or other support. Grow to a height of about 10 inches. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 5 lbs. \$1.25, 10 lbs. \$2.00.

PEAS—Continued

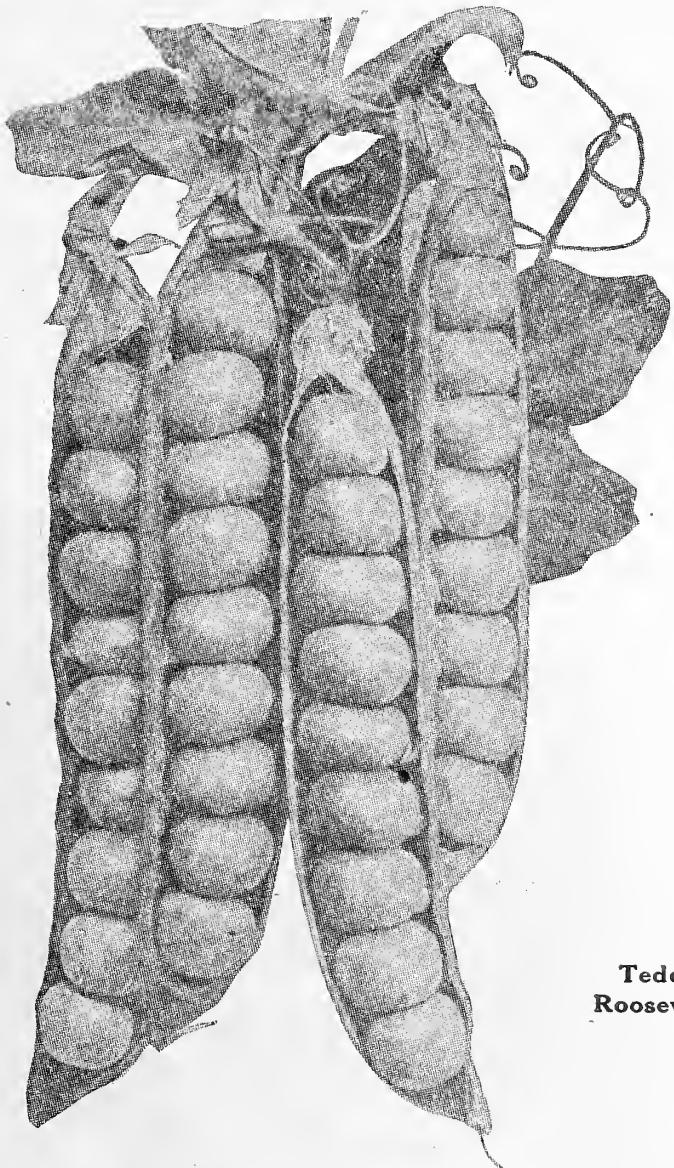
EXTRA EARLY DWARF
WRINKLED VARIETIES

Little Marvel

An extra fine dwarf pea of the early wrinkled variety, with vines growing to about 14 inches high. Pods are about 3 inches long of a dark green color. Peas are very sweet and tender. Especially suited for home gardens and early market gardening. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 5 lbs. \$1.25, 10 lbs. \$2.00.

Nott's Excelsior

A standard extra early dwarf wrinkled pea. The foliage is stout and heavy, about 12 inches high with an abundance of pods containing 7 light green wrinkled peas each. The Peas are unsurpassed in sweetness and quality and are very desirable for both the home and market gardener. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 30c, 5 lbs. \$1.25, 10 lbs. \$2.00.



Teddy Roosevelt

LARGE EARLY
WRINKLED VARIETIES

Carter's Daisy or Early Dwarf Telephone

This pea is always in great demand owing to its earliness combined with its large pods and excellent quality. It is very desirable for early market, always obtaining top prices. Vines are very vigorous reaching about 18 inches, with well filled pods measuring from 3 to 4 inches. Vines require no support, so it is an ideal variety for use where brush or stakes are not available. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

Gradus, or Prosperity

One of the earliest wrinkled variety. This large podded, prolific variety has won the hearts of market gardeners everywhere. The vines are very vigorous and robust, growing to a height of about 3 feet. It is

not only an abundant producer, but bears continually throughout the season. It is exceedingly early for a wrinkled variety, being only a few days later than the earliest, small, smooth sorts. The pods are very large and are invariably well filled with from six to nine sweet, tender, wrinkled Peas of large size and delicious flavor. The Peas remain tender for some time after they are large enough to use. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.20.

Thomas Laxton

Large podded, extra early Pea. This fine early Pea was raised by crossing Gradus with the Alaska. In earliness the Thomas Laxton is only two or three days behind the Alaska, but the pods are very much larger, containing on the average seven or eight large, sweet, wrinkled Peas of the very richest flavor. The vines attain a height of from three to three and one-half feet. It is of hardier constitution than the Gradus, and is earlier and of darker colored pod. In flavor this Pea is unsurpassed. A very popular variety for the market gardener. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.20.

Laxtonian

A new first early Pea of unexcelled value. It is not only early but is of splendid quality and unusually productive. Although it is a dwarf sort, growing only to 18 inches in height, it excels in yield and equals in size of pod, the Gradus. The pods are deep bluish-green, pointed at the end, generally borne singly and measure 4 to 4½ inches in length. The peas number 7 to 10 to the pod, are large in size and of delicious flavor. The vines are vigorous in growth, deep green in color and require no support. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.50.

MAIN CROP VARIETIES

Teddy Roosevelt

One of the best of the large dark podded Telephone types and one of the most productive and surest yielders. The vines grow to a height of 4 feet, producing in large numbers, large, well filled pods of a dark green color, each pod containing from 8 to 9 large wrinkled peas of splendid quality. This grand Pea resembles the Telephone in color of pod and foliage, and in habit of growth; but the pods are larger and contain more Peas. A bushel of pods will shell out nearly twice as many Peas as the Telephone. Nothing in the long line of Peas excels the Teddy Roosevelt in richness, sweetness and flavor, and it ought not take a gardener long to figure out that a bushel of pods that will give as many Peas as two bushels of other varieties is the kind to grow. The demand is so great every year for Teddy Roosevelt Peas that our stock is usually exhausted early in the season. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

Telephone

Another leading Pea with market gardeners. It comes into bearing fairly early, yields abundant crops of large, fine appearing pods and Peas that are sweet and luscious. This variety meets with the ready approval of buyers, when placed on sale and is therefore a popular sort with Pea growers. It is a great cropper, continues long in bearing, and fills the basket quickly. The vines grow about 3½ to 4 feet in height, are very vigorous and strong and have large, coarse, light colored leaves. Each vine bears on an average seven to ten pods, which are ready for picking in about 65 days. The immense pods are straight, and of fine appearance, and contain eight to nine large, wrinkled Peas, closely packed, tender, sweet and of exquisite flavor. The seed we offer has been carefully selected and is very prolific and is sure to please all who grow this popular variety. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

Alderman

This is a very large podded Pea, very robust and vigorous, producing pods of the largest size. The pods are even larger and longer than the average large podded sorts, and are well filled with large Peas of most excellent flavor. In habit, the vines are strong and branching, bearing rich, deep-green, straight, handsome pods averaging 4½ to 5 inches in length, pointed at the end. This variety belongs to the tall growing main crop of Peas. The vines are from 3½ to 4 feet in height. A point of superiority which must not be overlooked is the unusual flavor and quality of the Peas. As is true of most wrinkled varieties they are delicious, but the Alderman is of a quality surpassing many of the others. Also a good sort for shipping. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.



PEAS, Continued—MAIN CROP VARIETIES

Quite Content

A favorite with Market Gardeners. The vines and pods are a beautiful dark green. Pods are about 5 inches long, well filled with from 9 to 10 large, light green peas of fine quality. The vines are very robust and grow to a height of 5 feet. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

Potlatch or Dwarf Defiance

A splendid large podded variety. Height of vines 24 inches, with strong, heavy dark green foliage and pods borne in pairs. The pods are about 5 inches long and very broad, containing 8 to 10 large light green wrinkled peas of high quality. Is wonderfully productive and matures early. A very satisfactory variety to grow. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

Everbearing

Reaches a height of 2 $\frac{1}{2}$ to 3 feet. As name indicates this variety continues long in bearing and is very prolific. The peas are very large green wrinkled and of excellent quality. Cook up very quickly, are tender and of superior flavor. One of the best for late summer and autumn use. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

Stratagem

Vines reach a height of 20 to 24 inches. Pods are 4 to 4 $\frac{1}{2}$ inches long, containing 8 to 9 medium green wrinkled peas of fine quality, rich and sweet in flavor. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

Champion of England

An extra large pea, vines growing to a height of 4 and 5 feet. The pods are vigorous and very productive, bearing an abundance of large well filled pods. Peas are light green, wrinkled, of fine quality and delicious flavor. Mam. Pkt. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 35c, 5 lbs. \$1.50, 10 lbs. \$2.30.

PEPPERS

CULTURE. Seed should be planted in hot bed or green house about March 10th to 20th. When plants are 3 inches high they should be transplanted to 2 or 3 inches apart until weather and soil conditions permit for outdoor planting. Then plant in rows 2 $\frac{1}{2}$ feet apart and 18 inches apart in row. Cultivate same as tomatoes.

Tomato Shaped Pepper

This pepper was considered a novelty for a few years, but now there is quite a demand for it. The fruit is of medium size but very thick meat and heavy. The color is a bright red and the flavor is very mild. It matures early. Seed is limited. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, 1 lb. \$5.00.

Potlatch Peas

Crimson Giant or Ohio Crimson.

One of the earliest of the very large varieties. The flesh is mild, and very thick. The plants are very vigorous and heavy yielders. The color is deep green, turning to a deep crimson when matured. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, 1 lb. \$7.00.

Ruby King

A very popular sort of the bell peppers. It is very prolific, large and mild. Grow to a size of 4 to 4 $\frac{1}{2}$ inches long, turning from a deep green to a bright red when ripe. One of the best for Mangoes or stuffed peppers. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, 1 lb. \$5.00.

Large Bell or Bull Nose

A large early bright red variety, very mild and a great favorite. Plants are vigorous, heavy producers of fruit that is thick and of excellent quality for use in salads, etc. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, 1 lb. \$5.00.

Long Red Cayenne

Is about $\frac{3}{4}$ to 1 inch in diameter, and 5 to 7 inches long. Although this also is pungent, it is not as pungent as the Small Cayenne. Are a favorite for pickling, either green or when ripe. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, 1 lb. \$5.00.

Pimiento

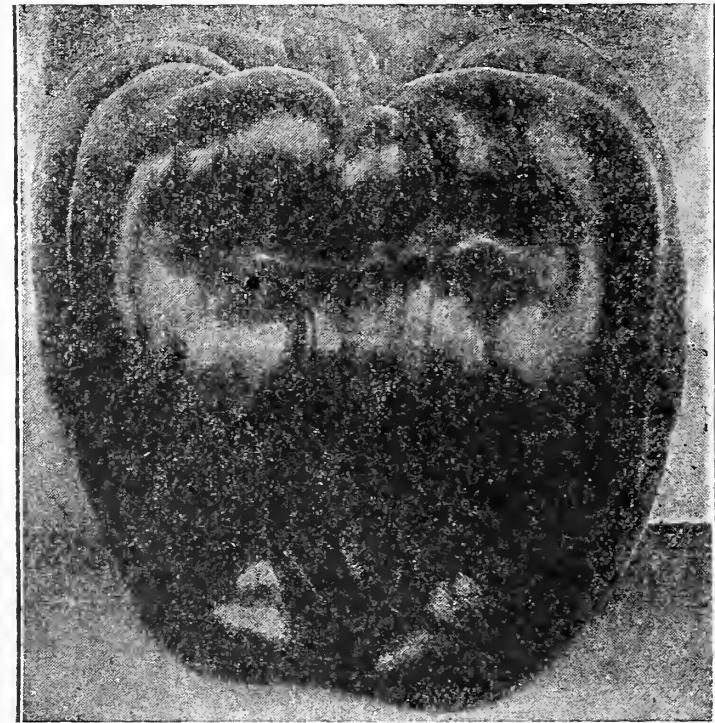
A very thick flesh, heart shaped, smooth, mild crimson variety, much used for salads. Also in demand by canners. Another vigorous variety that turns to a deep red when it matures. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, 1 lb. \$5.00.

Chinese Giant

The largest of the mild red varieties, very thick and blocky. In spite of its large size plants carry an enormous amount of fruit and mature early. Fruit can be sliced and eaten like tomatoes. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, 1 lb. \$7.00.

World Beater

One of the finest large peppers yet introduced. It is a cross between the Chinese Giant and Ruby King; fully as early as Ruby King and similar in shape, almost the size of Chinese Giant and far more prolific. Exceptionally mild, and can be eaten raw without fear of burning. Color of fruit is green at first, turning to a beautiful shade of scarlet. Flesh thick, which enables it to hold up a long time and makes it an excellent shipper. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, 1 lb. \$7.00.



Chinese Giant Pepper

Small Red Cayenne

Is only $\frac{1}{2}$ inch in diameter and 4 to 4 $\frac{1}{2}$ inches long. Is very pungent, and used mostly in sauces. Pkt. 10c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, 1 lb. \$5.00.

Giant Magnum Dulce

Is about 4 inches in diameter and 5 or 6 inches long. Is very mild, and can be eaten raw. It is replacing the Chinese Giant with the Market Gardeners on account of its heavy yielding qualities. Pkt. 10c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, 1 lb. \$7.00.

Neapolitan

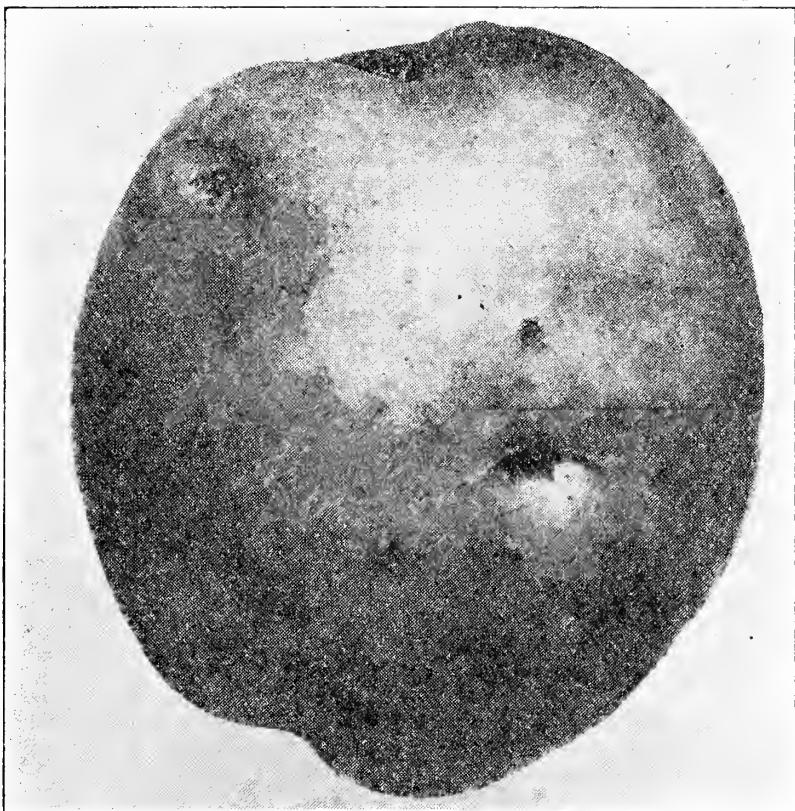
The earliest and most productive of the large varieties. The fruit is oblong and has a light green color gradually changing to golden and finally to a bright red. Very mild and sweet. Pkt. 10c, oz. 60c, $\frac{1}{4}$ lb. \$1.75, 1 lb. \$6.00.

SEED POTATOES

In selecting our stock of seed potatoes we endeavor to secure the best that money can buy. Some varieties are grown for us in the Red River Valley, while others are obtained in Wisconsin and Northern Minnesota.

We exercise the greatest care in sending out stock that is true to type, sound, and free from disease, but still we would advise treating with Formaldehyde before planting, as the soil may be previously infected.

Directions for treating potatoes with Formaldehyde to prevent scab and several other equally destructive potato diseases: Soak the tubers (before cutting) one and one-half hours in a solution made at the rate of one pound of Formaldehyde to thirty gallons of water or for small quantities. 1 ounce to 6½ quarts of water. Then cut and plant as usual.



Irish Cobbler Potato

Early Triumph

This is the earliest potato grown in many states. The size is from medium to small and almost round. The skin is red but the flesh is white and firm. It is a good keeper and a favorite with many as it is about 7 to 10 days earlier than the Ohio.

Rural New Yorker

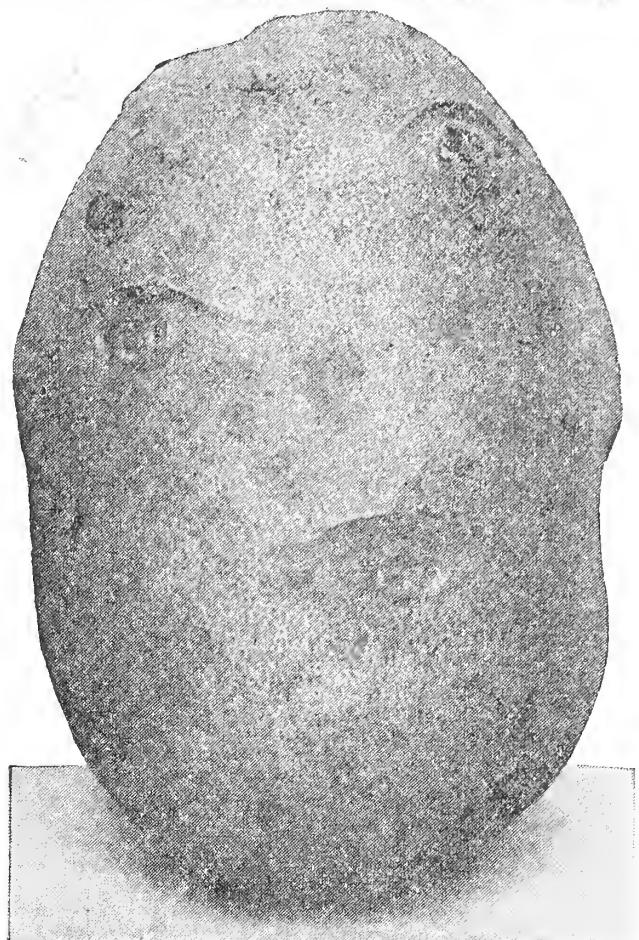
A very distinct and valuable main crop potato. The tubers attain a large size and are of round oval shape. The eyes are few, distinct and shallow. It is a very good keeper and much in demand for shipping. Cooks up pure white of very fine flavor. A vigorous grower and big cropper.

Carman, or
Green Mountain

This type of Carman is one of the most popular varieties of late potatoes grown. It is a large, slightly oblong white potato of fine appearance. It has few and shallow eyes, with skin smooth and clean. It is a very heavy yelder and an excellent keeper and unsurpassed as a table variety. Will do far better on heavy soil than the Burbank.

PRICES

Seed
Potato
Prices
will
be
found
on
Special
Red
Figure
Price
List



Early Ohio Potato

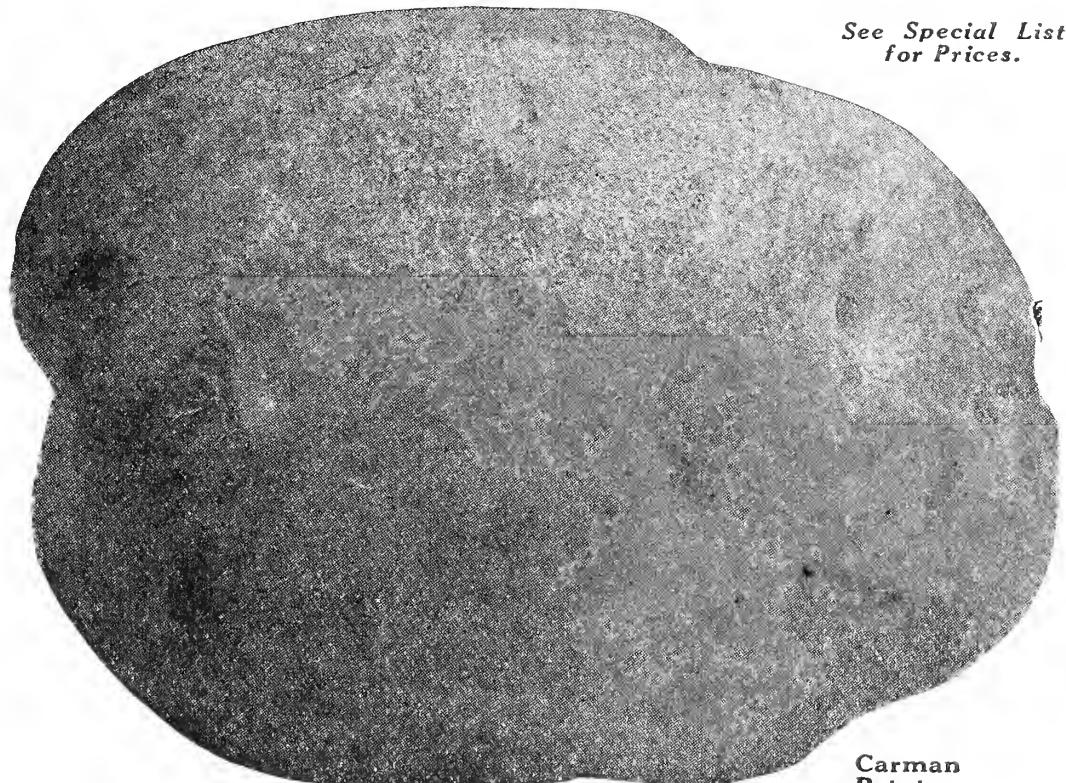
Early Ohio Red River Valley Stock

The Early Ohio potato is so well known that a description of it is unnecessary. Our stock is exceptionally fine being clean, bright and uniform in size. For early market it has no equal. It is a good keeper notwithstanding its earliness. This potato is in more demand than any other variety and can be depended on to give a uniformly good yield under almost all conditions and soils. Has a very smooth pinkish skin, shallow eyes and blunt ends.

Irish Cobbler

Our stock of Irish Cobbler is grown in the Red River Valley where the potato scab is practically unknown. It is a very early round white potato somewhat flattened with rather deep eyes and medium to large in size.

The Irish Cobbler is a very vigorous grower and is not as liable to be diseased as other varieties. It is a heavy yelder and a good keeper.

See Special List
for Prices.



PUMPKINS



Field Pumpkins
Pay A Big Return For Either Stock Feeding Or Market

Connecticut Field.

The standard field Pumpkin. It is largely grown for stock feeding, but is also generally used for pumpkin pie and canning. The outside is reddish orange in color, the inside flesh orange yellow. Is very solid, fine grained and slightly ribbed. Strong and vigorous grower. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 80c.

Large Cheese or Kentucky Field.

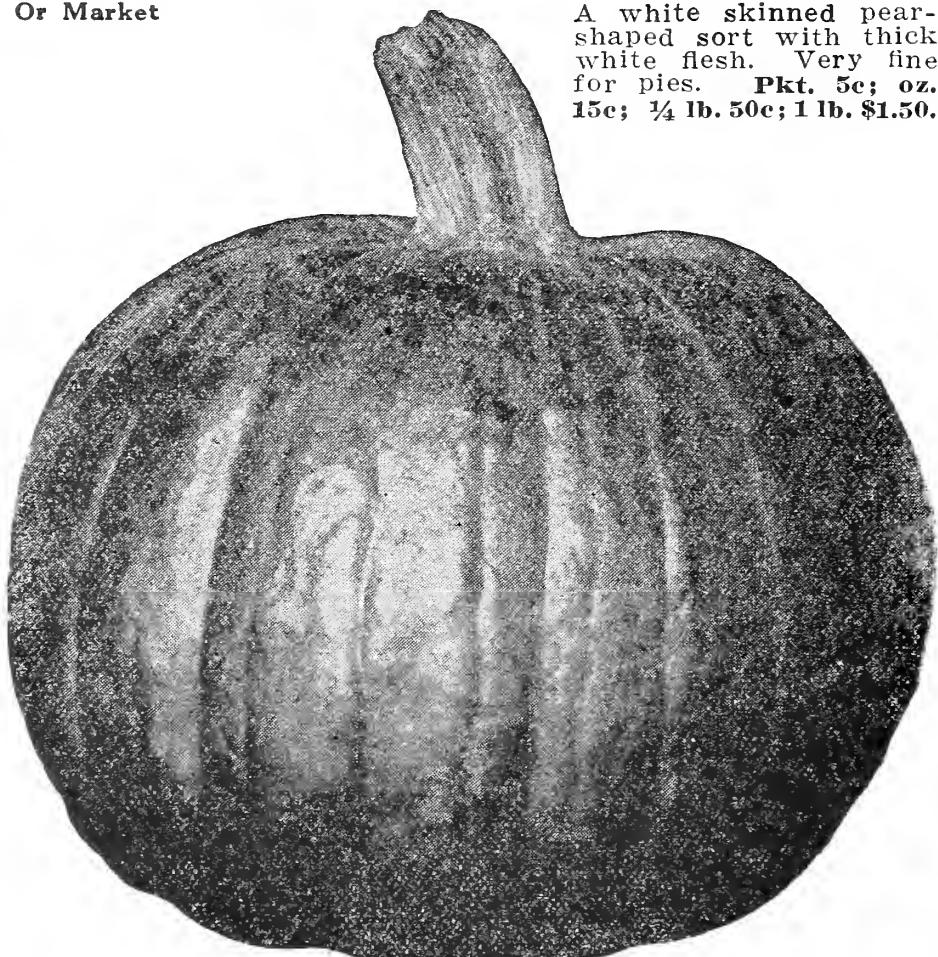
Large, round, flattened, hardy and productive. About 2 feet in diameter. A fine keeper. Thick flesh of extra fine quality. A fine sort for family and market use. It is also grown quite extensively for stock feeding. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Winter Luxury.

Round, medium in size with a golden yellow skin, closely netted. Exceptionally fine for pies and a good keeper. Flesh is thick, sweet, tender, and of fine flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Japanese.

An early summer variety. Skin is a deep green, with dark stripes, turning to a rich golden yellow. Flesh is deep yellow and of fine quality. Matures early. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.65.



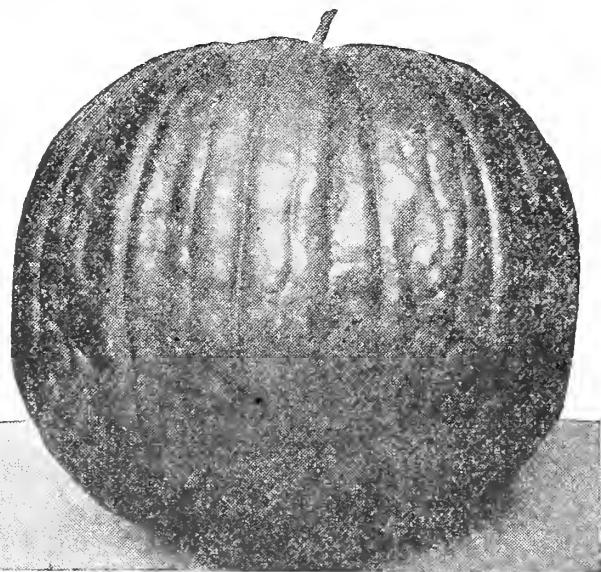
Early Sugar or Pie Pumpkin

Gould's Mammoth Field.

The largest of all pumpkins, some having attained the weight of 225 pounds. Grown for stock feeding, although it is good for pies in spite of its immense size. Also a good keeper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

ANOTHER PRIZE WINNER
"I won the First prize at the Shakopee Fair this summer for Irish Cobbler potatoes, from seed stock I secured from you."
Andrew Colliard, Shakopee, Minn.

Nov. 15, 1926



Connecticut Field Pumpkin



RADISH

CULTURE. Radish should be grown on good rich sandy loam. Avoid seeding in soil where you have had any root crop that became infested with root maggot, if possible. As a preventative of maggots it is well to treat your soil with a good dressing of Tobacco Dust, or Carbola. By using these preparations at intervals of about ten days, you will be able to overcome the maggot nuisance.

Plant your radish one-half inch deep in rows 12 to 14 inches apart as soon as the soil is in condition to work nicely in the spring. When the plants are about one inch high, thin enough to avoid crowding. Cultivate often to retain moisture and destroy weeds.

EARLY ROUND RADISHES

Gould's Early Scarlet Globe

A selected forcing strain especially adapted to hotbed growing, but may be grown outdoors also with good results. The shape is a little longer than round and the color, which it holds long after pulling, is very brilliant and attractive. A standard for the market gardener. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25; 5 lbs. \$4.50.

Gould's Reliable Forcing

Is the earliest of the forcing type. It is of a beautiful bright scarlet, producing a very small top, making it very desirable for forcing. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25; 5 lbs. \$4.50.

Gould's Scarlet Turnip White Tip

A special strain of white tip radish, the best of its kind ever offered. It is very early and does equally well for forcing and for outdoor culture. The flavor can not be excelled, it being sweet, mild and crisp. The color is a bright scarlet with white tips, making a particular fine appearance on the table. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25; 5 lbs. \$4.50.

Early Deep Scarlet or Non Plus Ultra

This is an early forcing variety with small tops. The roots are small, globe shape, very deep red. The flesh is white, crisp and tender. Roots usually grow up ready to pull in about 3 weeks. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25, 5 lbs. \$4.50.

Gould's Crimson Giant

A round radish of exceptionally fine quality. The roots are nearly globe shaped, of a beautiful crimson carmine color. It is a very desirable variety for general outdoor planting and is also suitable for forcing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; 5 lbs. \$4.50.

Early Scarlet Turnip

Round, red, turnip shaped radish. Grows quickly. Of rich scarlet red color, flesh white, crisp and tender. Very popular for early outdoor planting. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25; 5 lbs. \$4.50.

THE SECRET OF GOOD RADISHES

The radish is a very quick grower, and to secure the best radishes, see that plenty of moisture is supplied. Especially during the hot summer months should the radish patch be watered liberally, or else the radishes are apt to get pithy.

Early White Turnip

A medium sized round variety grown very largely for summer use. Has a small top and pure white skin. The flesh is waxy, mild and crisp. Matures in about 30 days, and is also a good variety for forcing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Rosy Gem

An old well known popular variety, used both for forcing and outdoor growing. It is round, bright scarlet, and has a handsome white tip. Matures in about 25 days. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.

Sparkler

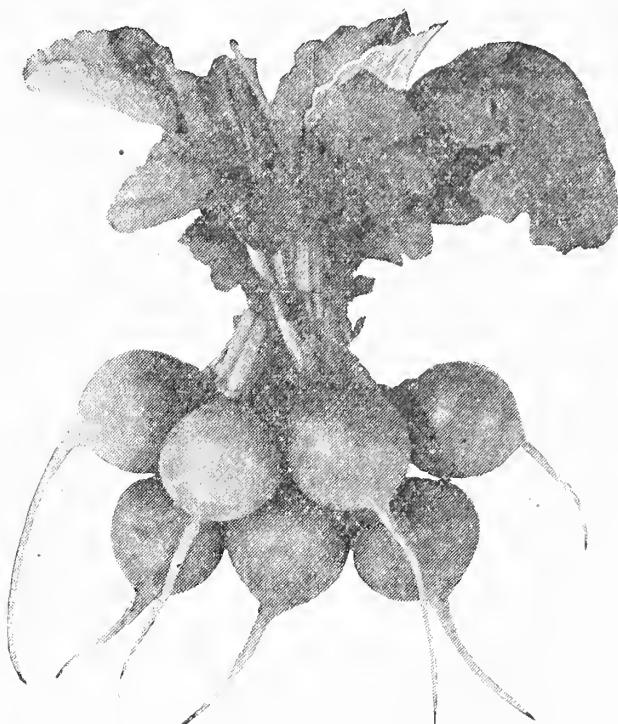
Another old time favorite with the market gardeners. The roots, even when fully developed, are solid, crisp and sweet. The color is a rich carmine with a pure white tip. The tops are small, but large enough for bunching. Equally well adapted for forcing in frames or growing in the open ground. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25; 5 lbs. \$4.50.

Yellow Ball

A fine summer variety of quick growth. The root is a perfect globe shape with a golden yellow skin, while the flesh is pure white, very firm, mild and crisp. A good producer even in the hottest kind of weather. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.15.

Early Scarlet Olive

An excellent variety, maturing in about 25 days. Color, bright scarlet, flesh crisp and tender. A very good main crop sort. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.



Gould's Famous Early Scarlet Globe Radish

LONG VARIETIES

Long White Summer or White Strasburg

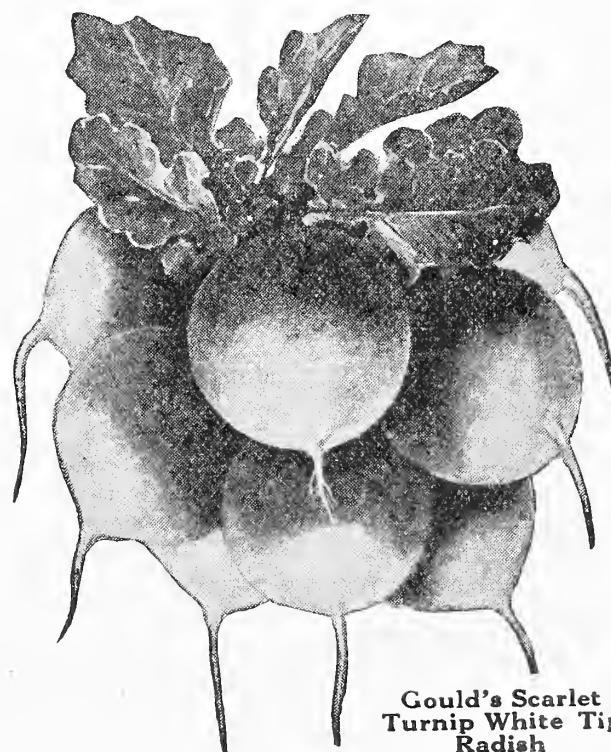
A large medium long sort with heavy tapering shoulders. Flesh and skin pure white. Firm and crisp. A fine summer variety that resists drought. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

White Icicle

Matures long and slender radishes of pure white skin and flesh. It is crisp and tender both when young and until it attains a large size, making it a desirable sort for the home gardens. Makes a very attractive appearance on sale or on the table. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Glass or Cincinnati Market

Very early with small tops. Grows slender and smooth and the flesh is tender and delicious. The color is bright red. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



Gould's Scarlet Turnip White Tip Radish



RADISHES—Continued

LONG VARIETIES

Chartier

The largest and best of the long summer radish. It is very quick growing and remains firm and crisp for a long time. The color is a vivid crimson at the top gradually fading to a white tip. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

French Breakfast

A great favorite for open ground or forcing. Beautiful bright scarlet, with pure white tip. Oblong in shape, of medium size, and a rapid grower. It is a fine table variety on account of its excellent quality and attractive appearance. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Long Scarlet Short Top

A standard and popular well known long red radish of good quality. Matures to a size of about 6 inches but it can be used before fully grown. Used extensively by both market and home gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

WINTER RADISHES

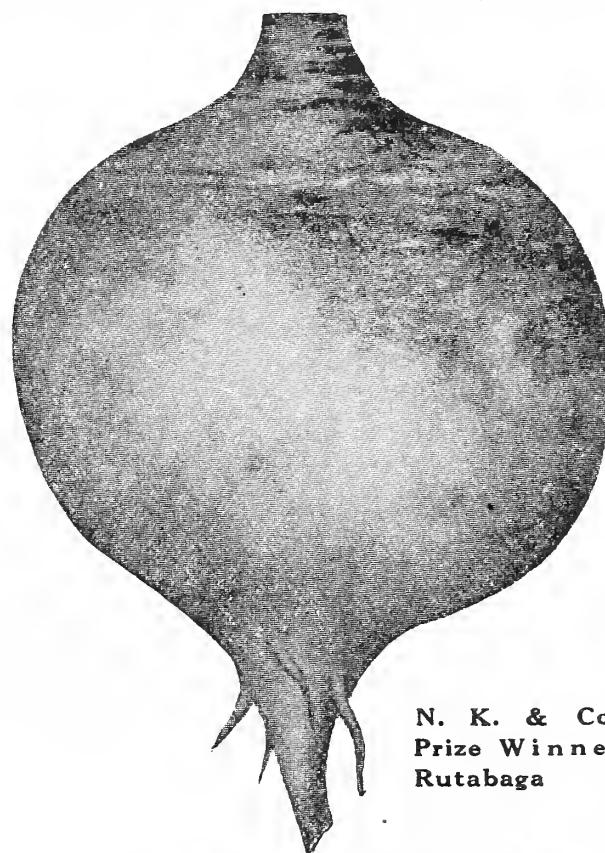
The merits of winter Radishes are little appreciated, probably because they are seldom grown and few people have knowledge of their worth. These grow to large size and keep well for winter and spring use. Sow seed in the middle of June.

China Rose

Of a bright rose color, flesh solid and crisp. The shape is long, but stump rooted, tapering abruptly to a small tip. One of the best winter varieties. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.



French Breakfast Radish



N. K. & Co.
Prize Winner
Rutabaga

RUTABAGA

N. K. & Co's. Prize Winner

A purple top yellow fleshed variety of good size and exceedingly uniform in appearance. Valuable for table use as well as for stock feeding. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c; 5 lbs. \$3.00.

American Purple Top

A hardy productive variety with a small neck; roots are large globe shaped with a very small tap root. The color is a bright yellow with a purple top, flesh solid tender and sweet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c; 5 lbs. \$3.00.

Hurst's Monarch

Distinct in type, being of the tankard shape. Skin is a purplish red above ground and yellow below; flesh solid and fine. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Large White

An excellent keeper. Desirable for table and stock. Roots are large, white globe shaped and have a small neck. Flesh is white, firm, and sweet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Long Black Spanish

One of the largest, latest, as well as the hardiest of all radishes. The shape is oblong tapering to a point, the skin almost black, flesh white and very firm. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

Round Black Spanish

A large round turnip shaped root, growing to as much as 3 to 4 inches in diameter. The skin is black, but the flesh is white and an excellent keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. \$1.00.

RHUBARB

Rhubarb Seed.

The growing of Rhubarb from seed is a rather slow process, as it will require at least three years for the plants to develop enough to give results. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.25.

Rhubarb Roots.

The planting of Rhubarb roots saves both time and labor, especially for the home garden. Two to six good sized roots will supply the average home with all the Rhubarb they can use after the first year. Do not pull the stocks the first year after planting, except the blossom stock. These should always be kept down, as they take the strength from the rest of the plant.

Medium size roots, 15c each; doz. \$1.50.

Large size roots, 25c each; doz. \$2.50.

Express or postage is extra.

SALSIFY

Culture of Salsify is the same as Parsnips. One ounce of seed will sow 60 feet of row. 5 pounds of seed required for an acre.

Sandwich Island.

Grows to a large size, is of fine quality and flavor. The roots when cooked are very palatable and nutritious with a flavor similar to oysters. A very desirable Winter vegetable. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; 1 lb. \$3.00.

Long White French

A well known standard variety. The roots are long, white and smooth. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; 1 lb. \$3.00.

SPINACH

CULTURE. Sow just as soon as the ground will permit working in Spring. Sow in rows 12 inches apart and one inch deep. If given some protection over winter, Spinach may be sown in the Fall for early Spring use, by covering plants up on the approach of cold weather with 3 inches of straw. In the Spring, when dry, remove the litter and the plants will be ready for use in a short time.

Bloomsdale or Savoy Leaved.

This is the quickest and earliest growing Spinach. The leaves are narrow, pointed and crinkled and very hardy. Pkt. 5c; oz. 10c; 1 lb. 40c; 5 lbs. \$1.25.

Round Thick Leaf.

A favorite with Market Gardeners. Has large thick wrinkled leaves, in large clusters. Pkt. 5c; oz. 10c; 1 lb. 40c; 5 lbs. \$1.25.

Long Standing.

The leaves are smooth and very dark green. Grows quickly and remains tender a long time. One of the best for the market and Home garden. Pkt. 5c; oz. 10c; 1 lb. 40c; 5 lbs. \$1.25.

Long Season.

An excellent sort, having very dark green tender crumpled leaves. One of the very best for early Spring and successive planting. Pkt. 5c; oz. 10c; 1 lb. 40c; 5 lbs. \$1.25.

SQUASH

CULTURE. Plant in fertile soil when all danger of frost is past. For vineing varieties plant in hills 8 to 10 feet apart each way.

The early summer or bush varieties may be planted 5 feet apart. Place 8 to 10 seeds in a hill one inch deep. When plants are three inches high, thin to 3 or 4 in a hill. Dust with Corona Dry to protect from beetles. Cultivate often to retain moisture and keep free from weeds.

SUMMER VARIETIES

White Bush Scallop.

Matures early and will bear quickly. The Squash are large size, somewhat flattened, pure white, with thick flesh of good quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

Vegetable Marrow or Long White Bush.

Long and slender, skin and flesh white of delicious flavor. The earliest of summer Squashes. Vines are vigorous and very productive. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50

Cocozelle or Italian Vegetable Marrow.

The fruit is long and slender, of a dark green color at first, but when maturing it changes to a lighter green with yellowish stripes. In best condition to use when 6 to 8 inches long. May be sliced and fried in oil or baked. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.



Table Queen

Golden Summer Crookneck.

Early and prolific. The fruits are of true crookneck type, heavily warted and of light golden color. Very popular for summer use. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Eskimo or Giant Thick Leaf.

A fine large quick growing, thick leaved variety. Keeps up well before going to seed. A desirable medium early variety for the Home garden as well as for the Market Gardener. Pkt. 5c; oz. 10c; 1 lb. 40c; 5 lbs. \$1.25.

New Zealand

This is a very distinct variety of spinach, and although it is not generally grown for market it gives splendid returns.

Should have a place in every home garden, to furnish a supply of summer vegetable greens. Spinach contains a heavy percentage of iron, and is one of the most healthful vegetables grown. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 75c; 5 lbs. \$3.00.

King of Denmark Spinach

One of the earliest of the Spinach varieties; noted for its ability to withstand very hot weather. Produces longer than most any other. Pkt. 5c; oz. 10c; 1 lb. 40c; 5 lbs. \$1.25.

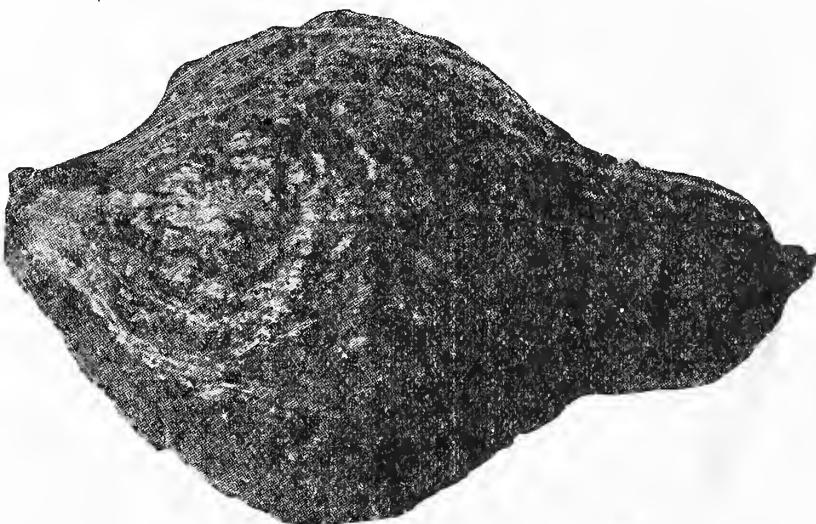
Victoria

An excellent variety for the home garden as well as for market. The dark green leaves are very large and thick. Pkt. 5c; oz. 10c; 1 lb. 40c; 5 lbs. \$1.25.

WINTER VARIETIES

Gould's Improved Hubbard.

This Squash is the favorite for long keeping. The skin is rather smooth, of a light green color. When well matured and dried, it becomes very hard and will keep well into the winter. The vines are of a strong running growth and bear large pear shaped fruit that commands a higher price than any grown from other seed. Flesh is bright orange yellow, fine grained, dry and sweet flavored. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.



Gould's Improved Hubbard Squash

Chicago Warted Hubbard.

Very similar to Gould's Hubbard, but skin is darker and covered with heavy warts. Also a good keeper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.

Table Queen.

A small late fall variety very desirable for serving in halves. Very prolific and a good keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Mammoth Chili.

An extra large variety used mostly for stock feeding. Very beautiful in appearance often weighing 75 pounds each. The yield will run from 8 to 10 tons per acre, producing a very cheap and nutritious feed. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.75.

Delicious.

A medium size Fall and winter squash of exceptional flavor. The shell is green, while the flesh is a rich orange. A very desirable Squash for Market or Home Gardeners. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

**Gould's Early Standard**

Gould's Early Standard Tomato is the result of many years of experimenting to obtain a meaty, heavy bearing tomato, that would produce early and continue to bear fruit until frost.

Being extensive buyers and shippers of tomatoes for more than twenty years, we found the need of a good Early tomato, when prices are high, and tomatoes in heavy demand.

When we discovered this tomato years ago, it was far superior to any Early variety we had ever seen. Since then we have continued to propagate and select seed carefully, from the very first fruit to ripen, improving it by selecting only the most desirable fruit from strong and vigorous plants. Although the weather conditions during the last summer were very unfavorable for the selection of seed we are fortunate enough to have a limited amount of this selected seed stock to offer.

Although this tomato is not quite as early as the Earliana, it is so much better in every respect, that we feel confident to say, that anyone who gives it a trial will never plant any other. It ripens early enough to take the place of the Early crop, and continues to bear abundantly until frost; large solid fruit, of delicious flavor and color.

We believe that Gould's Early Standard Tomato will take the place of the Earliana, Bonnie Best, Chalks Jewel, and John Baer for earliness, and will surpass second early varieties such as the Beauty, for the midseason, on account of it being such a heavy bearing variety.



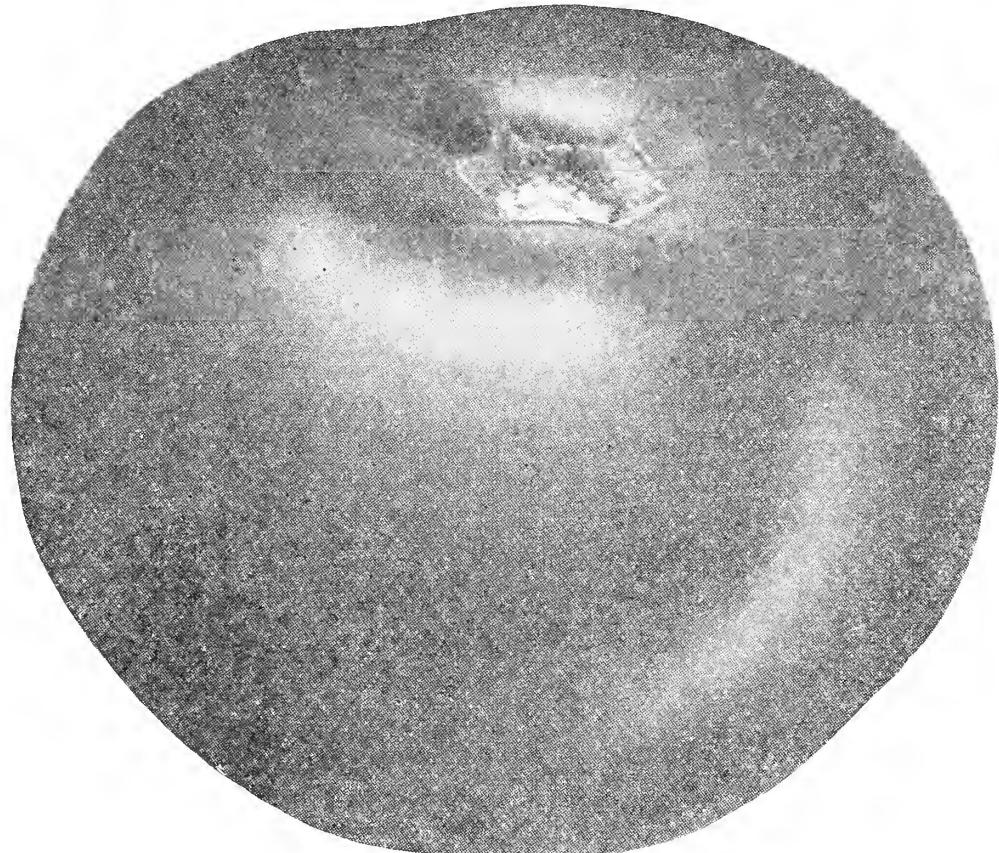
Gould's Early Standard Tomato—Reduced in Size
Note its very meatiness

Those who have tried it out are enthusiastic and unanimous in saying that Gould's Early Standard Tomato is the heaviest yielder of perfect fruit, and the most drought resisting of any tomato grown. This from expert gardeners who have grown tomatoes for as high as 30 years.

TOMATO

CULTURE. Tomato seed should be planted in a box in the house or in hot beds or greenhouse about the 1st of March, then transplanted once or twice to develop the roots to a good size before setting out in the open. Do not set out until all danger of frost is passed, as tomatoes are easily damaged by frost.

Additional Tomato Varieties
on next page

**Gould's Early Standard Tomato**

It has no equal for the home garden, or for market, being an excellent keeper, and shipper, fruit being firm, coloring beautifully, producing abundantly from early summer till frost. Flavor is unsurpassed. Unexcelled for canning.

No expense has been spared to make Gould's Early Standard the best tomato grown anywhere. Order early to be sure of your supply. Pkt. 25c, $\frac{1}{4}$ oz. \$1.50, $\frac{1}{2}$ oz. \$2.50, 1 oz. \$5.00.



Each Spring I purchase Tomato (Gould's Standard) plants grown from your seed, from Mrs. E. J. Hogan, and I wish to say that if I couldn't get plants from your seed, I would not have tomatoes in my garden. This year I set out 37 plants and about 2 weeks ago I counted 837 tomatoes on the vines. This is almost unbelievable but nevertheless is an actual fact. Several tomatoes measured 18 to 20 inches in circumference. I am enclosing a snap shot picture (reproduced above) of my vines, but it is impossible to do justice with the camera, as the green tomatoes do not show up in the picture. But it will serve to give you a partial idea of the bearing quality of your seed.

Francis J. Ryan, St. Croix Co., Wis.
September 3, 1926.

TOMATO—Continued

John Baer

Is considered one of the best early tomatoes grown. Fruit is smooth, uniform in size, nearly round, firm and of excellent quality. Will hold up well for shipping. It is a heavy bearer that will last all summer. A favorite with market gardeners, shippers and canners. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

Earliana "Private Stock"

The result of ten years selection from the most perfect and earliest stock. Produces more uniform fruit of a smooth, perfect shape than any other early variety. Pkt. 25c, $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.00, 1 oz. \$5.00.

Spark's Earliana

One of the very earliest sorts. Fruit of fair size, color bright scarlet. A prolific bearer, yielding fruit in clusters. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

Chalk's Early Jewel

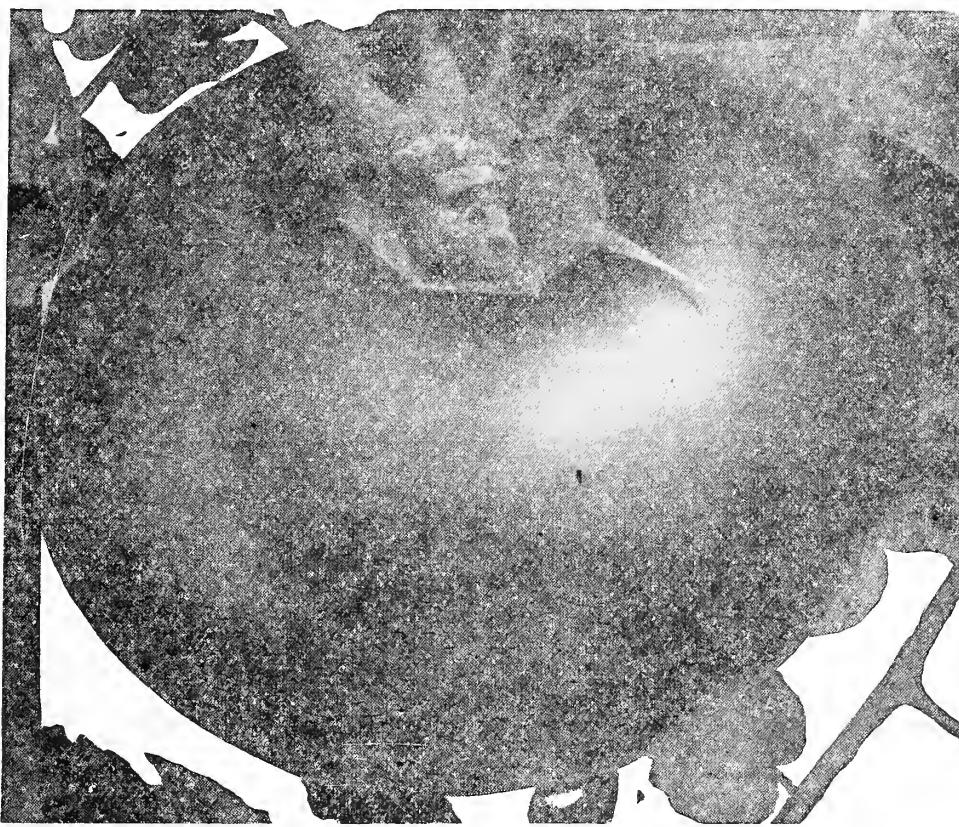
An exceptionally fine early variety, about one week later than the John Baer and Earliana. The fruit is uniformly smooth, round and solid, color is crimson. It is a good canner and a good shipper. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

June Pink

The earliest of the pink fruited varieties. The fruit is borne in clusters and begins to ripen very early. The yield is heavy and continues until the vines are cut down by frost. Pkt. 5c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, 1 lb. \$4.00.

Livingston's Beauty

One of the smoothest skinned and best of the large sorts. The vines are large, vigorous and very productive. The fruit is large, uniform in size and very smooth. The flesh is pink; very solid and fine flavored. A fine variety for medium early or for main crop. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.



Bonnie Best

A very popular variety for the early market and home garden. Vines are very vigorous and produce round and very uniform fruit of a bright deep scarlet color. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50.

Livingston's Globe

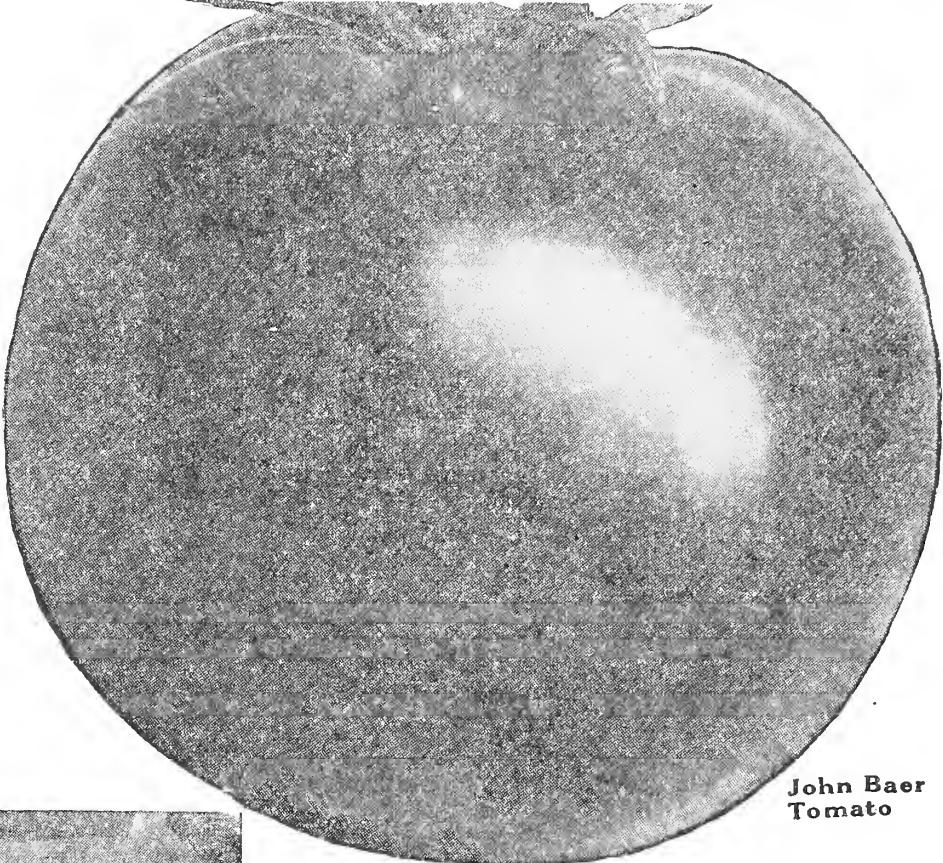
A very vigorous productive medium early tomato. Fruit globe shaped, smooth, solid, fine flavored with very few seeds. Color purplish pink. Pkt. 5c, oz. 45c, $\frac{1}{4}$ lb. \$1.35, 1 lb. \$4.50.

Sterling

The best for a general crop. The fruit is large, smooth, and solid, and attractive in appearance. The vines are strong and very prolific, bearing until frost. A money maker for the market gardener and popular with the private grower. Pkt. 5c, oz. 40c, $\frac{1}{4}$ lb. \$1.25, 1 lb. \$4.00.

Dwarf Champion

Dwarf and compact in habit. Stands up well even when loaded with fruit, having a stiff, bushy stem. May be planted close together making it desirable for small gardens. The fruit is of a purplish pink color, medium size, smooth, very attractive and fine flavored. Skin is tough and flesh solid, but has no hard core. Pkt. 5c, oz. 45c, $\frac{1}{4}$ lb. \$1.35, 1 lb. \$4.50.



Stone

For many years the standard and favorite with market gardeners and canners. It is large and smooth and has a bright scarlet color. It is solid without a hard core, and has a fine flavor. A fine shipper. Pkt. 5c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.25.

Ponderosa

This is the largest fruited Tomato. It is solid with very small seed cells, of very fine quality for slicing. Some of the fruit is oblong in shape and somewhat ribbed. The color is purplish red. The vines are strong and if staked will grow to a height of 6 or 7 feet, very often bearing fruit that will weigh one pound or more. Pkt. 5c, oz. 60c, $\frac{1}{4}$ lb. \$1.75, 1 lb. \$6.00.

SMALL FRUITED TOMATOES

Golden Husk or Ground Cherry

These are greatly valued for preserves or for making pies. Fruit is very sweet and mild in flavor. Pkt. 5c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Yellow Plum A small yellow fruited variety, finely flavored, resembling a plum in size and form. Used mostly for preserving. Pkt. 5c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Yellow Pear Fruit is pear shaped, slightly larger than the Yellow Plum, of clear yellow color. Pkt. 5c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Yellow Cherry Fruits are of a light lemon yellow, about $\frac{1}{2}$ inch in diameter. Bears fruit in clusters. Fine for pickles or preserving. Pkt. 5c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Red Cherry Identical with the Yellow Cherry except in color of fruit, which is of a light scarlet. Pkt. 5c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

Red Pear Fruit pear-shaped, of bright scarlet color and rich flavor. Pkt. 5c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.



TURNIPS

CULTURE: Turnips are the easiest to grow of any root crop. Sow in early spring for summer crop, and late in July or early August for late fall crop. One ounce will sow 200 feet in drill; thin to 4 inches apart.

Early White Model

Is very early and perfectly formed. It is round, white has short top and a single tap root. It is solid and sweet, very desirable for home garden. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**

Cow Horn

Pure white shaded with green at the top. Carrot shaped, grows nearly half out of the ground. Slightly crooked. A very heavy yielder and for that reason it is very often raised for stock feeding. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**

Early White Flat Dutch

A very early white flat turnip of medium size and fine quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 65c.**

Extra Early Purple Top Milan

Extremely early and of splendid quality. Bulbs of medium size, flat and white, with a bright purple top. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.00.**

Extra Early White Milan

Similar to the Purple Top Milan, except that the roots are a solid clear white. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.00.**

Golden Ball or Orange Jelly

The best of the yellow fleshed turnips. The tops are small, roots medium size, round, smooth and deep yellow. The flesh is firm, crisp, and of fine quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**

Purple Top Strap-Leaved

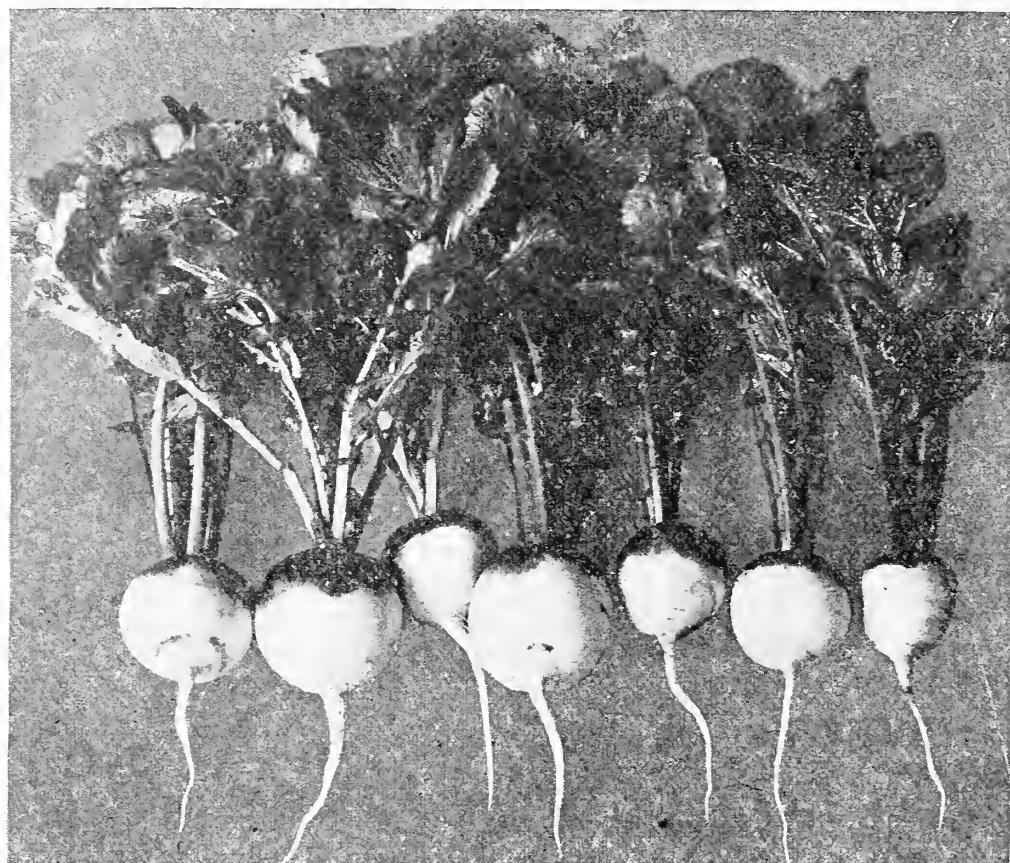
Rather flat and of medium size. Color purple above ground and white below, flesh white, fine grained and tender. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**

Purple Top Yellow Aberdeen

A late medium sized, long keeping variety. Roots are round, yellow, with a purple top. Flesh is tender and sweet. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**

Purple Top White Globe

The most popular sort. A general favorite with all, and more largely grown than any other turnip; will do well to sow either broadcast or in drills and will form good sized bulbs in seven or eight weeks. Of a perfect globe shape with smooth white skin; flesh pure white, firm, sweet, and crisp. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**



Purple Top White Globe Turnip

White Egg

An early oval or egg shaped variety. Roots are of medium size, smooth and clear white of the very best quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**

White Globe

Perfectly globe shaped, skin white and smooth. Flesh is white and of very good quality. **Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.**

I wish to say how very satisfactory I have found your seeds for the last few years. I have been in this country only a few years having come over from England. Have been in the gardening line for 55 years and must say that I have never handled better seeds. Will send my order in very shortly. Wishing you great success, I remain, Yours truly Joseph Camplin, Colfax, Wis.

Jan., 1925.

HERBS

Most of the varieties of Herbs thrive best on sandy soil, while some are stronger and better flavored when grown on soil that is rather poor. In all cases the soil should be carefully prepared and well cultivated as the young plants are for the most part delicate and easily choked out by weeds.

Sow as early as the ground can be made ready, taking pains that the soil is fine and pressed firmly over the seed.

Anise. Used for cordials, garnishings, and flavorings. **Pkt. 5c, oz. 20c.**

Balm. Leaves used for making Balm Tea. **Pkt. 10c, oz. 50c.**

Basil, Sweet. Used for flavoring soups and sauces. **Pkt. 10c, oz. 40c.**

Borage. Leaves used in salads; flowers fine for bees. **Pkt. 10c, oz. 40c.**

Caraway. Seed used for flavoring. **Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25.**

Catnip or Catmint. Used for seasoning. **Pkt. 10c, oz. \$1.50.**

Coriander. Seed used for beverages. **Pkt. 5c, oz. 25c.**

Dill. Used to flavor cucumber pickles. **Pkt. 5c, oz.**

10c, $\frac{1}{4}$ lb. 30c, 1 lb. \$1.00.

Fennel, Sweet. Ornamental and also used for flavoring. **Pkt. 5c, oz. 20c.**

Horehound. For seasoning and for cough syrup. **Pkt. 10c, oz. 50c.**

Lavender. Medical, also used as a perfume. **Pkt. 15c, oz. 90c.**

Marjoram, Sweet. Leaves used for seasoning. **Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00.**

Pennyroyal. Agreeable odor and flavor. **Pkt. 15c, oz. \$1.00.**

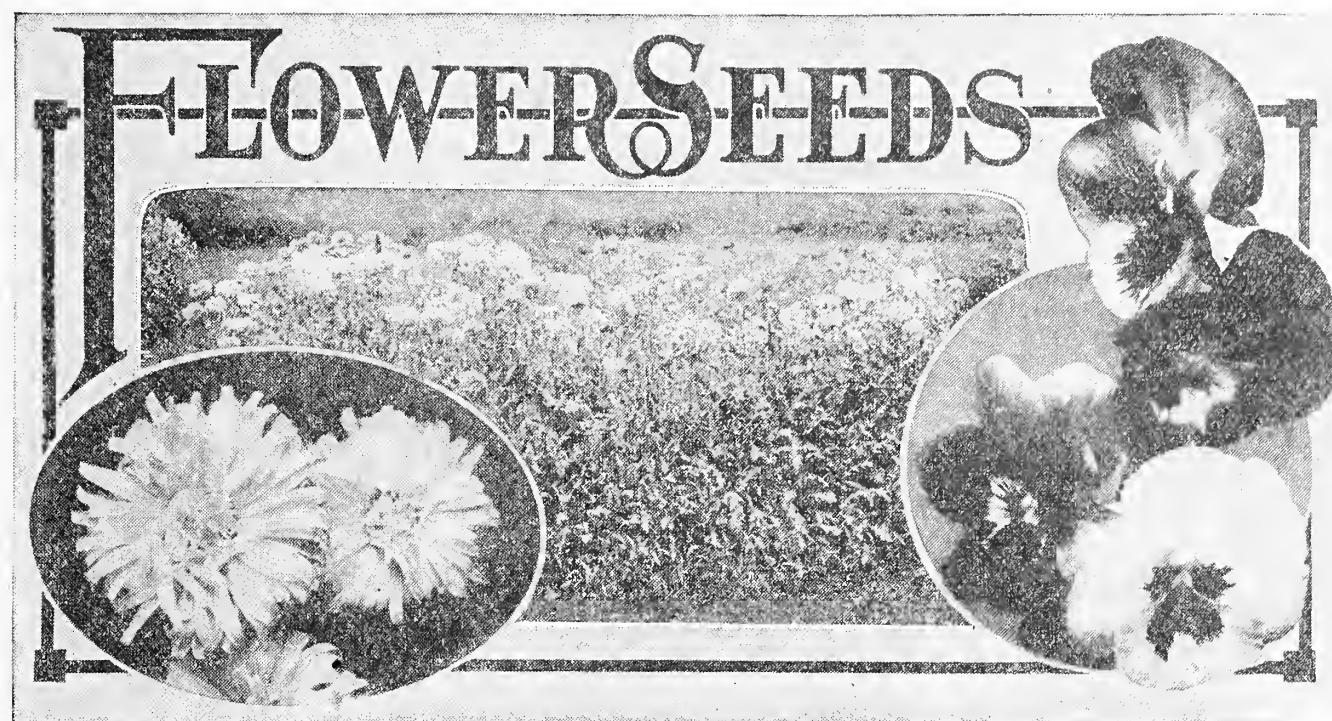
Rosemary. For flavoring as well as for medical purposes. **Pkt. 15c, oz. \$1.00.**

Sage. For seasoning. **Pkt. 15c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.75.**

Summer Savory. For flavoring soups. **Pkt. 10c, oz. 35c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00.**

Thyme. Used for a headache tea, also for flavoring. **Pkt. 15c, oz. 75c, $\frac{1}{4}$ lb. \$2.50.**

Wormwood. For medicine. **Pkt. 15c, oz. 40c.**



BEAUTIFUL AMERICAN ASTERS

Aster seed treated with Dupont Semesan a disease preventive.

CULTURE. Sow indoors in March, cover lightly, keep soil moist. When all danger of frost is past prepare your soil by spading deeply, adding lime to purify. The soil should be rich sandy loam. One Stim-U-Plant Tablet placed under each plant when

Queen of the Market

The earliest good Asters. Blooming two to three weeks in advance of the later sorts. Plants are 15 to 18 inches high, bearing large double blossoms on long stems. Very desirable for cut flowers.

| | |
|---------------------|----------|
| Pink | Pkt. 10c |
| Peach Blossom | Pkt. 10c |
| Dark Blue | Pkt. 10c |
| Light Blue | Pkt. 10c |
| Crimson | Pkt. 10c |
| Lavender | Pkt. 10c |
| Purple | Pkt. 10c |
| White | Pkt. 10c |
| Mixed colors | Pkt. 10c |

Simple's Improved or, Vick's Late Branching

The flowers are large and double upon long robust stems. Height 2 to 3 feet.

| | |
|------------------------|----------------------|
| Azure Blue | Purple |
| Crimson | Scarlet |
| Lavender | Sensation (deep red) |
| Peerless Pink | Mixed |
| Perfection White | |
| Deep Rose | |

Any Packet of above.....10c

Improved Crego Giant

Comet Asters

This Aster resembles the chrysanthemum in form, and is unusually large. The plants are strong and vigorous, often growing to a height of two feet.

| | |
|--------------------|----------|
| Azure Blue | Pkt. 10c |
| Deep Rose | Pkt. 10c |
| Crimson | Pkt. 10c |
| Lavender | Pkt. 10c |
| Purple | Pkt. 10c |
| Pink | Pkt. 10c |
| White | Pkt. 10c |
| Mixed colors | Pkt. 10c |

The New Astermum

A strain of Comet Asters which on account of their immense size and chrysanthemum-like appearance have been appropriately named Astermum.

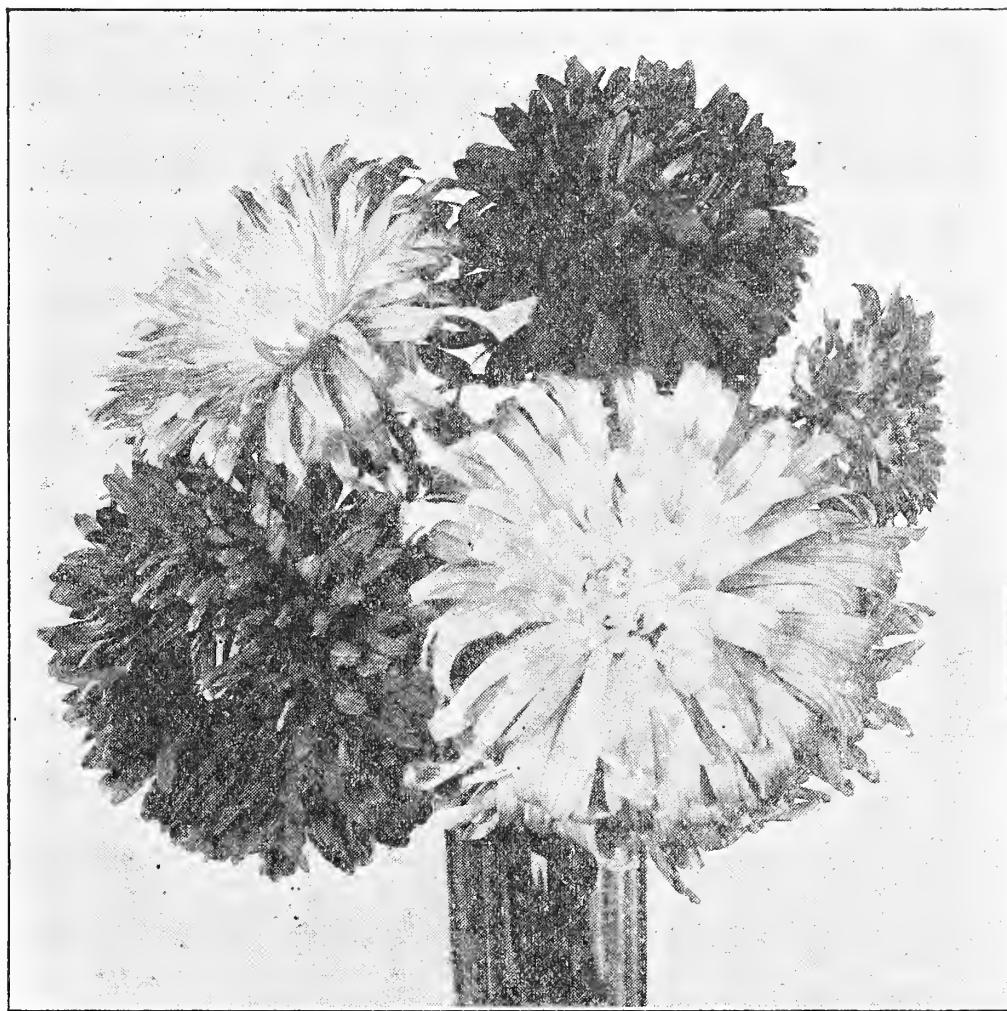
| | | | |
|----------------|----------|-------------------|----------|
| Lavender | Pkt. 10c | White | Pkt. 10c |
| Pink | Pkt. 10c | Mixed colors..... | Pkt. 10c |

Single Aster Elegance

The single aster is very attractive and is considered more hardy and easier to grow than double varieties.

| | | | |
|-----------------|----------|----------------|----------|
| Deep Blue | Pkt. 15c | Lavender | Pkt. 15c |
| Deep Rose | Pkt. 15c | White | Pkt. 15c |

setting will stimulate the growth. Use Tobacco Dust in the soil around the roots to avoid root lice. Also spray the soil at intervals of two weeks with water containing one Stim-U-Plant Tablet and 4 tablespoons of Tobacco Dust to one gallon of water.



Asters are Wonderful for Cut Flowers Giants of California

A novelty of merit toward the perfection of Asters. It has the vigor of the Crego and bloom of the Ostrich Feather, measuring from 5 to 6 inches in diameter.

| | | | |
|------------------|----------|-------------------|----------|
| White | Pkt. 25c | Dark Purple | Pkt. 25c |
| Light Blue | Pkt. 25c | Mixed colors..... | Pkt. 25c |
| Deep Rose | Pkt. 25c | | |

ALL FLOWER SEEDS ARE SENT POSTPAID

**Abutilon (Flowering Maple)**

These grow rapidly and make fine large shrubs, bearing elegant bell-shaped flowers in great profusion. Pkt. 25c.

Acroclinium (Everlasting) See Page 42**Ageratum**

One of the best bedding and border plants, blooming from early summer until frost.

Blue Pkt. 10c White Pkt. 10c
Pink Pkt. 10c Mixed colors Pkt. 10c
Dwarf Blue Pkt. 10c

Alyssum, Sweet

A very pretty plant for borders, beds or rock work.

White Common. Pkt. 5c.

Little Gem. Very dwarf and spreading, making one mass of white blossoms from spring until fall. Pkt. 10c.

Saxatile (Everlasting) See Page 42**Amaranthus**

Brilliant foliaged annuals used as centers of large beds or for borders of tall plants. Give plants plenty of room.

Caudatus or Love Lies Bleeding. Blood-red. Pkt. 10c.

Tricolor, Joseph's Coats. Red, yellow, green. Pkt. 10c.

Salicifolius, Fountain Plant. Bronzy crimson. Pkt. 15c.

Sunrise. A beautiful plant with long, narrow leaves of glowing crimson. Pkt. 15c.

Ammobium (Everlasting) See Page 42**Anchusa (Cape Forget-Me-Not)**

A rare annual, grows two feet high, blooming all summer. It resembles a large beautiful Forget-Me-Not of deep blue color. Thrives well in shade. Pkt. 10c.

Antirrhinum (Snapdragon)**Tall, Improved Large Flowering****Antirrhinum or Snapdragon**

For early blooms, sow indoors in March and set out in the open after all danger of frost. Seed may be sown in the open also about May 1st. for late blooming.

Apple Blossom, rosy pink with yellow lip Pkt. 10c
Bunch of Lilac, lilac purple Pkt. 10c
Canary Bird, canary yellow Pkt. 10c
Cattleya, rosy lilac Pkt. 10c
Cerberus, carmine rose with yellow lip Pkt. 10c
Copper King, velvety copper scarlet Pkt. 10c
Diamond, golden yellow with lilac throat Pkt. 10c
Golden Queen, deep yellow Pkt. 10c
Indian Summer, velvety copper Pkt. 10c
Nymph, rosy lilac with tube Pkt. 10c
Old Gold, deep golden yellow Pkt. 10c
Purple King, deep glowing purple Pkt. 10c
Snow Flake, pure white, yellow tube Pkt. 10c
The Rose, rose pink Pkt. 10c
Wallflower, red to coppery red Pkt. 10c
All colors mixed Pkt. 10c

Arctotis (Blue Eyed African Daisy)

A handsome new annual, forming a branching bush 2 to 3 feet high. Its flowers are large and showy, being pure white on the upper surface, the reverse of the petals being a pale lilac blue. Blooms from early summer until frost. Sow in the open ground when danger from frost is past; cover seed very lightly, but pressing down firmly with board. Pkt. 10c.

Bachelor's Button (See Centaurea Cyanus)**Balsam (Lady Slipper)**

An old and favorite garden flower producing an abundance of brilliant colored double flowers in great profusion. It is easy of culture, does well in good rich soil by sowing out of doors when danger of frost is over. The soil should be well pulverized and the seed covered to a depth of about 4 times their size. Press down firmly with a board and when plants are three or four inches high they should be thinned to 15 inches apart. The plants that are taken out may be transplanted into other beds.

White Pkt. 10c Salmon Rose Pkt. 10c
Pink Pkt. 10c Mixed colors Pkt. 10c
Scarlet Pkt. 10c

Beans, Scarlet Runner

The well known rapid growing annual climber, producing bright red flowers from July to September. The foliage being dense, makes it splendid for porches or wherever shade is desired. Pkt. 10c; $\frac{1}{4}$ lb. 15c; 1 lb. 50c.

Brachycome, (Swan River Daisy)

A dwarf free flowering plant which makes a very attractive border. Blooms in great profusion for several weeks. The daisy like flowers are blue and white, about 9 inches tall. Pkt. 10c.

Briza (Quaking Grass) See Page 42**Browallia Elata**

A favorite profuse blooming annual covered with blue or white flowers during the summer and autumn.

Blue Pkt. 10c Mixed Pkt. 10c
White Pkt. 10c

Calendula

Free flowering plants of easy culture, succeeding everywhere and flowering continuously. The flowers are double, showy, of large size and pleasing colors.

The Ball, orange yellow... Pkt. 10c
Mixed colors Pkt. 5c

Calliopsis Tall, Annual Varieties

Showy and beautiful free-flowering annuals, blooming all summer. Excellent for cutting and massing.

Nigra Speciosa, dark brown. Pkt. 10c.

Bi-color Tinctoria, yellow, maroon center. Pkt. 10c.

Splendens, golden brown center. Pkt. 10c.

Tall annual mixed. Pkt. 10c.

Canary Bird Vine

A beautiful rapid annual climber. The charming little canary bird-like blossoms, bear a fancied resemblance to a bird with wings half expanded. Does well in the shade. Pkt. 10c.

Candytuft

Universally known and cultivated. When sown in April will bloom from July until frost. Very hardy and easy to cultivate.

Giant Hyacinth Flowered Pkt. 10c
Empress White Pkt. 10c
White Pkt. 10c
Crimson Pkt. 10c
Carmine Pkt. 10c
Flesh Pkt. 10c
Lilac Pkt. 10c
Rose Cardinal Pkt. 10c
Lavender Pkt. 10c
All colors mixed Pkt. 10c

Cannas

Cannas may be grown from seed very successfully if given the proper care. Mixed. Pkt. 10c.

Carnation, Marguerite

This new class of carnation blooms in about five months after sowing. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white and variegated. About one-half the blossoms are extremely double, while balance are partly double and single. Most beautiful for cut flowers and very fragrant. Seeds should be sown indoors in February and transplanted to the open when all danger of frost is past.

White Pkt. 10c **Scarlet** Pkt. 10c
Pink Pkt. 10c **Crimson** Pkt. 10c
Striped Pkt. 10c **All colors mixed** Pkt. 10c
Yellow Pkt. 10c

Celosia Childsii (Chinese Woolflower)

Plants grow two to three feet high; the bloom starting early with a central globular head which reaches an immense size. Many branches are thrown out, each bearing a woolly-like ball of scarlet. These blooms or scarlet balls will continue to multiply and enlarge until killed by frost. Pkt. 15c.



Celosia Chrysantheflora (Chrysanthemum Flowered Celosia)

A new tall growing variety of Celosia, bearing an immense rounded head very similar to a Chrysanthemum, in many colors. Pkt. 15c.

Celosia Cristata (Cockscomb)

Freely blooming annuals that do better in light soil that is not too rich.

Tall, mixed. Pkt. 10c Dwarf, mixed. Pkt. 10c

Celosia Plumosa (Feathered Cockscomb)

These are extra fine in groups, similar to the Cristata in habit of growth. Blossoms are slender, of a feathery appearance. Pkt. 10c.

Centaurea Cyanus (Bachelor's Button)

Produces a mass of very attractive flowers in many colors. It is a very hardy annual and reseeds itself from year to year.

White Pkt. 5c
Brick Red Pkt. 5c
Pink Pkt. 5c

Blue Pkt. 5c
Mixed Pkt. 5c

Centaurea Imperialis (Sweet Sultan)

This is without a doubt the most beautiful of all Centaureas. The beautiful, sweet scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for days in good condition. The plant itself is much stronger than any other Sweet Sultan. It is of easy culture and one of the best annuals for cut flowers.

White Pkt. 10c
Purple Pkt. 10c
Brilliant Rose ... Pkt. 10c

Amaranth Red. Pkt. 10c
Lavender Pkt. 10c
All colors mixed. Pkt. 10c

Chrysanthemum

Annual varieties. These are showy and effective garden varieties. Extensively grown for cut flowers. The foliage is ornamental and finely cut. The single varieties grow 12 to 18 inches high, and produce on long stems, large flowers resembling the daisy, but of many bright colorings in distinct bands or rings.

Single mixed Pkt. 10c | Double White.... Pkt. 10c.
Double mixed.... Pkt. 10c | Double Yellow.... Pkt. 10c.
Golden Queen. Dwarf, double. Pkt. 10c.

Clarkia

Bright and attractive annuals of easy culture. The long graceful sprays are valuable for table decoration. They thrive in sun or shade, growing 2 to 2½ feet high, with masses of double flowers and buds which will all open in water when cut.

Salmon Queen .. Pkt. 10c. White Pkt. 10c.
Scarlet Queen ... Pkt. 10c. Purple Prince ... Pkt. 10c.
Apple Blossom.. Pkt. 10c. Mixed colors.... Pkt. 10c.

Cobaea Scandens (Cathedral Bells)

One of the handsomest and most rapid growing of the annual climbers. Climbs thirty feet in a season. The flowers are bell-shaped. Very prolific and perfectly hardy. The vine is always clean and free from insects.

White Pkt. 10c
Blue Pkt. 10c
Mixed Pkt. 10c.

Coix Lachryma (Job's Tears)

An ornamental grass with broad leaves and shiny, pearly-like beads. Plant early in the spring, four or five seeds in a hill, one-half inch deep, at a distance of 12 or 15 inches apart. Pkt. 10c.

Cosmidium (Golden Yellow)

Plants grow two feet tall and produce a succession of blooms all summer. Pkt. 10c.

Cosmos, Extra Early Double Crested

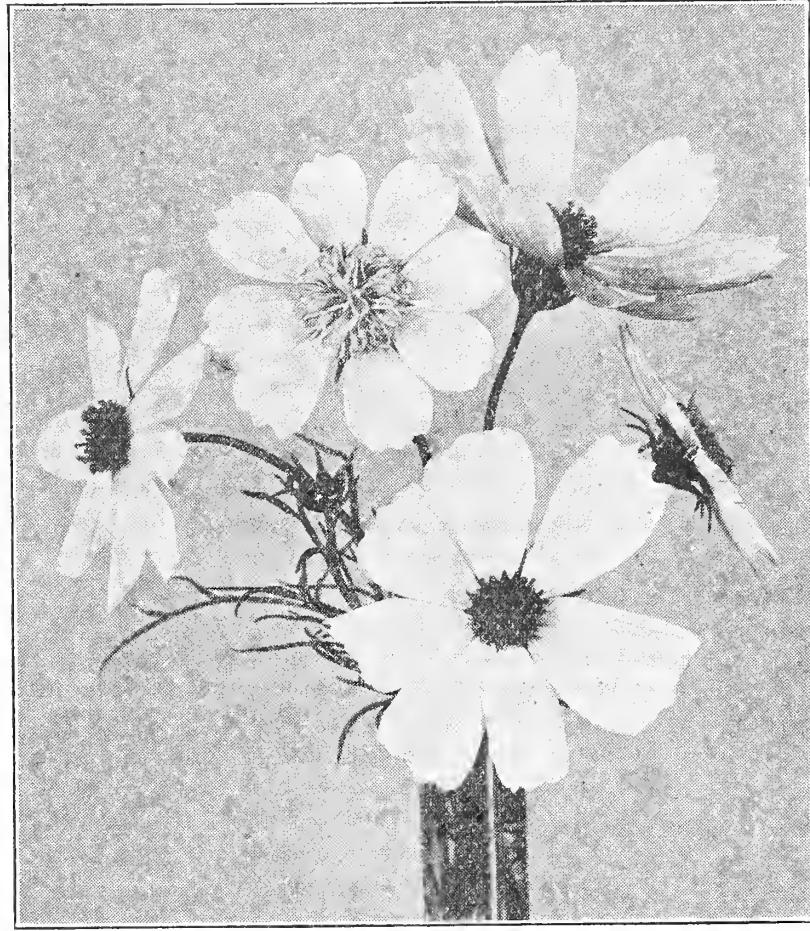
The double flowering Cosmos has caused many exclamations of admiration from those who have seen them for the first time. This strain will bloom about seventy five per cent in doubles and the balance will revert back to the single type.

They grow to a height of about three feet, forming a perfect bush massed with blooms, bearing beautiful flowers on long stems. They bloom in seventy days from seed when sown in the garden and will continue to bloom until frost.

Crimson King...Pkt. 25c
Pink Beauty....Pkt. 25c
White Queen..Pkt. 25c
MixedPkt. 25c

Gould's Extra Early Flowering Cosmos

The Cosmos is one of the most attractive of the Autumn flowering annuals. Its graceful flowers borne on long stems, rising above the feathery foliage, are very desirable for cut flowers, lasting for a week or more in water. It is a very prolific bloomer and if the plants are given enough space to develop well, will branch freely, every shoot being covered with a mass of lovely flowers. Cosmos is very effective among shrubbery and especially desirable for inter-planting with early blooming perennials, as it fills in the gaps when the



COSMOS

Easy to grow and flower profusely.

latter die down. Our extra early Cosmos is the earliest of its kind, growing to a height of about 4 feet and if seeded in the open as soon as the soil is in condition, or transplanted from plants after all danger of frost, Cosmos will bloom from July until frost.

White Pkt. 10c Crimson Pkt. 10c
Pink Pkt. 10c Three colors mixed 10c

Cypress Vine

One of the most popular annual climbers. It has a delicate fern-like foliage and produces a mass of beautiful star shaped flowers. Pkt. 10c.

Didiscus Coeruleus (Blue Lace Flower)

A very attractive light blue or lavender flower produced on long stems. Very fine for cut flowers, and a continuous bloomer. Pkt. 10c.



Dianthus or Pinks

One of the most popular and magnificent flowers in cultivation producing a great variety of brilliant colors in a profusion of bloom. The annual varieties may be sown in the open when danger from frost is past and will bloom from early summer until frost.

Double Fireball, blood red.....Pkt. 15c
 Double annuals, mixed colorsPkt. 10c
 Single annuals, mixed colorsPkt. 10c
 Hardy garden pinks, mixed colorsPkt. 15c
 The hardy garden pink will come up year after year without any attention.

Dimorphotheca Aurantiaca

(Orange African Daisy)

A rare and extremely showy annual Daisy which blooms freely under ordinary climatic conditions. The plants grow about 15 inches high producing an abundance of orange gold daisy-like flowers with a very dark center. Seed may be sown and treated like asters. Pkt. 10c.



DIMORPHOTECIA AURANTIACA

Dolichos (Hyacinth Bean)

A rapid growing and free blooming annual climber. It is very ornamental and useful for covering trellises, arbors, and porches. Makes a very beautiful combination when interplanted with scarlet runner beans, giving a variety of color. Sow in the open after danger of frost or sow early indoors and transplant outside later.

WhitePkt. 10c Purple violet....Pkt 10c
 Both colors mixedPkt. 10c

Echinocystis (Wild Cucumber Vine)

A well known vine, common in many sections, the quickest climber known for covering verandas, old trees, houses, trellises and arbors. It will withstand the heat and drought and retain its fresh green color until frost. It blooms profusely and is never infested with insects. It will resow itself, and therefore does best if sown in fall. Pkt. 5c.

Eschscholtzia (California Poppy)

The California Poppy is a showy free-flowering plant so popular with every one, as to scarcely need introduction.

Yellow FringedPkt. 5c
 Crimson. Carmine CrimsonPkt. 5c
 Rosy Queen. Rosy PinkPkt. 5c
 Hybrida Grandiflora MixedPkt. 5c

Euphorbia Variegata (Snow on the Mountain)

A strong growing annual suitable as a border for beds of tall growing flowers. The bloom is not very showy but the foliage is very attractive and ornamental, being veined and striped with white and green. Pkt. 10c.

Gaillardia, (Annual Blanket Flower)

Remarkable for the profusion, size, and brilliancy of its flowers, blooming from early summer until frost. Fine for cut flowers.

Josephus. Single large flowered yellow edged. Pkt. 10c
 Single mixed. Pkt. 10c. Double mixed. Pkt. 10c.

Godetia

An attractive annual which is deserving of more general cultivation. The plants do well even in poor soil and partly shaded. The flowers are of a satiny texture in many colors. Pkt. 10c.

Gomphrena, (Globe Amaranth) See page 42

Gourds

Ornamental varieties of very rapid growth, producing many different types of ornaments. Vines grow 10 to 20 feet in a single season.

CalabashPkt. 5c Pear shapedPkt. 5c
 DipperPkt. 5c Sugar TroughPkt. 5c
 Dish ClothPkt. 5c White EggPkt. 5c
 Hercules Club....Pkt. 5c MixedPkt. 5c

Gypsophila (Bridal Veil or Baby's Breath)

Flowers a few weeks after sowing. Its graceful panicles of dainty blossoms and feathery foliage are unequalled for making up bouquets. Sow at intervals during the summer for continuous blooming.

WhitePkt. 10c CarminePkt. 10c
 PinkPkt. 10c All colors mixed. Pkt. 10c



Gaillardia

Helianthus (Sunflower)

Hardy annuals of sturdy growth, remarkable for the size and brilliancy of the flowers, which are very useful for cut flowers. Effective in forming background of large beds or borders and for distant effect.

Chrysanthemum Flowered. Perfectly double, dwarf. Pkt. 10c.

Miniature Sunflower, 4 feet high.....Pkt. 10c

Red Sunflower or Gaillardia Flowered Sunflower. The flowers are variegated and irregular in color. Some are shaded brown and some shaded red or yellow. Grows from four to seven feet tall. Pkt. 10c.

Helichrysum (Everlasting) See page 42



Hollyhocks, Annual

A comparatively new class of Hollyhocks. Blooms the first year from seed, when sown in April or May. The soil should be very rich, deeply dug, and during dry weather watered liberally. Single and Double Mixed. Pkt. 10c.

Humulus Japonicus (Japanese Hop)

One of the most rapid climbers grown. Seed may be sown in the open ground in Spring and the plants will grow to an enormous size in a very short time. The foliage is luxuriant and is one of the best plants for covering verandas and trellises. It is very hardy, and not affected by heat, drought, or insects. Pkt. 10c.

Hunnemannia

Giant Yellow Tulip Poppy or Bush Eschscholtzia
The best of the poppy family for cut flowers, remaining in a fresh condition for several days. Produces an abundance of brilliant yellow, tulip-shaped flowers from July until frost. Pkt. 10c.

Kochia (Summer Cypress or Mexican Fire Bush)

An easily grown annual, which if sown thinly in Spring soon forms a cypress-like hedge of lively green and of perfect symmetry, about three feet high.

The color of the entire plant changes to a deep red in Autumn and if allowed to mature will reseed itself. Pkt. 5c.

Lace Flower (See Didiscus)

Lantana

A shrubby plant with Verbena-like flowers in shades of white, red, and yellow. Flowers have a very fragrant perfume. Grow in pots and set out in summer. Blooms until late in the Fall. Dwarf Hybrids, mixed colors. Pkt. 10c.

Larkspur, Tall Double

This is one of the best known garden annuals that is very hardy. It produces long graceful spikes of different colors, very desirable as cut flowers.

| | |
|---------------------------|---------------------------|
| Ageratum Blue. Pkt. 10c | Lustrus Carmine. Pkt. 10c |
| Dark Blue.....Pkt. 10c | Scarlet Rose....Pkt. 10c |
| Exquisite Pink...Pkt. 10c | WhitePkt. 10c |
| Light BluePkt. 10c | MixedPkt. 10c |

Linum (Crimson Flax)

One of the most effective and showy bedding plants. Flowers are a brilliant scarlet. Pkt. 10c.

Lupinus

Free flowering annuals, with long graceful spikes of pea-shaped flowers. Very easily grown. Do best if partly shaded.

| | |
|---------------------------------|----------|
| Hartwegi Albus. White | Pkt. 10c |
| Hartwegi. Dark blue | Pkt. 10c |
| Hartwegi Roseus. Pink | Pkt. 10c |
| Hartwegi. All colors mixed..... | Pkt. 10c |

African Marigold

Plants grow 2½ feet high and produce an abundance of large double flowers in great profusion of glowing colors. Tall, double mixed. Pkt. 10c.

French Marigold (Dwarf)

These are a dwarf compact plant very attractive, each being covered with hundreds of small bright flowers of various colors.

Legion of Honor, golden yellow. Pkt. 10c.
Double mixed. Pkt. 10c. Single mixed. Pkt. 10c.

Marvel of Peru (Four O'Clocks)

A well known, handsome, free-flowering garden favorite. Does well everywhere. Pkt. 5c.

Matricaria Eximia or Feverfew

The plant is covered with numerous and freely branching flower stems, which are literally covered with very double flowers, one inch in diameter.

Golden Ball.....Pkt. 10c. White.....Pkt. 10c

Mignonette Reseda

A well known fragrant favorite; no garden is complete without a bed of Mignonette. Sowings made in April and again in July will keep up a succession of bloom from early summer until frost.

Sweet Scented. The old fashioned variety with small spikes, but the most sweetly scented of all. Pkt. 5c.

Improved Red Victoria. Fine spikes of brilliant red. Pkt. 10c.

Morning Glory, Tall Mixed

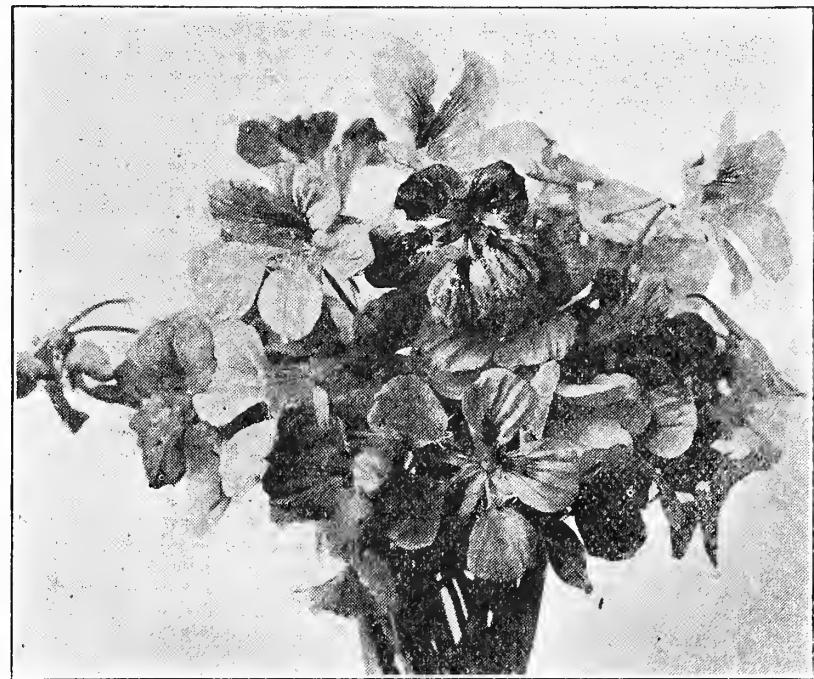
One of the most free flowering and rapid growing climbers, thriving in almost any situation. The flowers are very delicate, brilliant and beautiful. Pkt. 10c.

Morning Glory, Dwarf Mixed

A very attractive hardy annual for flower beds or borders, favoring a sunny exposure. They will bloom for a long period. Pkt. 10c.

Morning Glory, Giant Mikado

The flowers are of gigantic size, and the colorings and markings beyond description, ranging from snow-white to black purple, with all the possible intermediate shades. They are beyond question the largest and most beautiful of this handsome family of easy grown climbers and are the Orient's best gift to flower lovers. Wherever climbers can be grown, Giant Mikado should have a prominent place. Pkt. 10c.



Nasturtiums.

As a Cut Flower, they are wonderful in fragrance and beauty.

NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained sunny position, and within a few weeks from the time they are sown, until hard frost comes, there is an endless profusion of their gorgeous blossoms. No annual will produce such a lavish amount of flowers for so long a time with the same small outlay of time and labor. The maximum of bloom is produced in light or sandy soil and seldom diminishes through the hot weather. It is best to pick the blossoms almost daily.

Nasturtiums can be had in separate colors or in all colors mixed, both in the dwarf or tall varieties.

Dwarf or Bedding named varieties in separate colors.
Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c.

Reliable Dwarf mixed varieties.

Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 45c.

Lobb's Climbing named varieties in separate colors.
Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c.

Reliable Tall mixed varieties.

Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 50c.



Petunias are Hardy and Free Blooming and Wonderful in the Garden or Window Box

Nemesia

A free blooming dwarf plant that is becoming very popular, owing to its beautiful shades of color. May be seeded indoors and transplanted, or the seed may be seeded in garden in early spring. All colors mixed. Pkt. 10c.

Nicotiana Affinis (Tuberose Flowered Tobacco)

Delightfully sweet-scented, pure white tubular flowers, blooming continually from July to October. Pkt. 10c.

Nigella Damascena (Love in the Mist)

A compact free-flowering plant of finely cut foliage, with curious looking flowers and seed pods of easy culture, growing well in any garden soil. It is a hardy annual, about twelve inches high. Pkt. 10c.

PANSIES

PANSY CULTURE. The seed may be sown indoors in January or February; or in Spring in the open ground, in a shady, cool spot where the plant can be protected from the strong mid-day sun. Cover the seed very lightly with fine soil and press in with a board. The soil should be very rich, and liberal applications of bone meal should be given from time to time. The seed will be up in about 10 to 15 days. For special designs in beds or for cemetery planting, we offer the blue, white, or yellow in separate colors.

Lord Beaconsfield

Is one of the most attractive pansies in existence. It has a large well opened bloom of striking color. The petals are a bright deep marine blue, shaded with violet. On the two upper petals this rich deep velvety color softens gradually to almost white at the edge of the petals. This is very much in demand for Decoration Day. Pkt. 15c.

White Queen

Has large, well formed flowers of pure white. Pkt. 15c.

Canary

A bright yellow with slight marking like a canary bird. Pkt. 15c.

Gould's Reliable Pansy Mixture

Our strain of Reliable Pansy seed is a very carefully balanced mixture of the different shades and colors selected to please the greatest number of people. Flowers of large size, good form and substance of flower, and pleasing range of shades and colors, together with a strong growing plant, are the characteristics of this special strain. Pkt. 15c, $\frac{1}{4}$ oz. \$2.00, 1 oz. \$6.00.

Gould's Fancy Bedding Pansy Mixture

A mixture of many standard sorts which are admirably adapted for beds or borders. They are very hardy and free-blooming. Pkt. 10c, $\frac{1}{4}$ oz. \$1.00.

Violas or Tufted Pansies

Violas are not yet fully appreciated; however, nobody needs to see them more than once to realize how much they add to a garden. Mixed colors. Pkt. 15c.

PETUNIA

The Petunia is peerless among annuals for effective summer bedding or window boxes. It is of easy culture, early to blossom and continues all the summer until frost. No other flower produces a greater diversity of color, or retains its freshness for so long a period. The double varieties may be perpetuated by cuttings in late summer, or winter house plants. They require rich soil and a sunny location.

Extra Selected Bedding Petunias

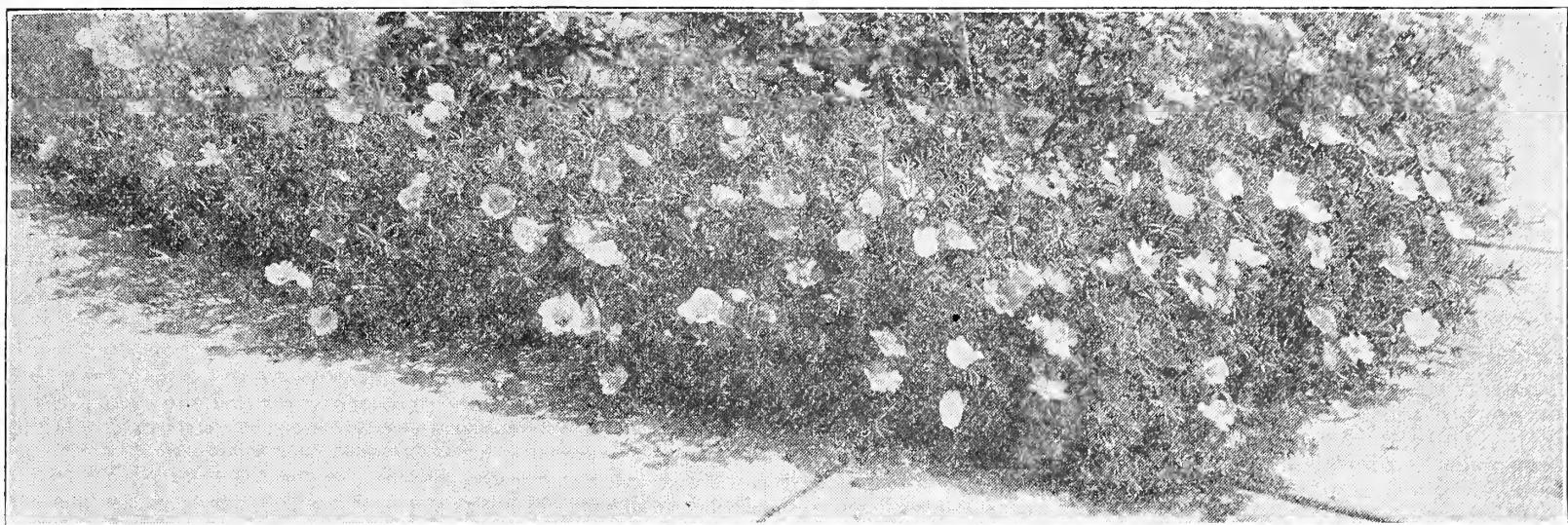
Carmen Sylva. Violet, white throat. Pkt. 15c.
Countess of Ellesmere. Rose, white throat. Pkt. 15c.
General Dodds. Velvety blood red. Pkt. 15c.
Inimitable. Blotched and striped. Pkt. 15c.
Lord Courtenay. Brilliant rose, yellow throat. Pkt. 15c.
Violacea. Deep violet. Pkt. 15c.
De Luxe Mixture of large flowering varieties. Pkt. 15c.

Dwarf Bedding Petunias

Nana Erecta. Rose of Heaven. Rose pink. Pkt. 25c.
Nana Erecta. Snowball. White. Pkt. 25c.
Nana Erecta. Rosy Morn. Clear pink. Pkt. 25c.
Nana Erecta. Violacea. Deep violet. Pkt. 25c.
Nana Erecta. Mixed colors. Pkt. 25c.

Balcony Petunias

| | | | |
|----------------------|---------|-------|----------|
| Pendula Alba. | White | | Pkt. 25c |
| Pendula Purpurea. | Crimson | | Pkt. 25c |
| Pendula Rose. | Rose | | Pkt. 25c |
| Pendula Violacea. | Blue | | Pkt. 25c |
| Pendula Mixed Colors | | | Pkt. 25c |



Portulaca, or Moss Rose

Do specially well as a border along the walk. The extreme heat in summer from the cement walk does not affect them as it does most plants.

Phlox Drummondii

Large flowering, the Phlox Drummondii is unquestionably one of the most brilliant and satisfactory of all the summer-flowering annuals. Seed may be sown in the open ground any time after danger of frost is past, and in a very few weeks they will be aglow with brilliant coloring and remain so until cut by frost.

| | | | |
|----------------|----------|--------------------|----------|
| White | Pkt. 15c | Lilac | Pkt. 15c |
| Pink | Pkt. 15c | Royal Purple | Pkt. 15c |
| Crimson | Pkt. 15c | Blood Red | Pkt. 15c |
| Primrose | Pkt. 15c | All Colors Mixed | Pkt. 15c |

Star Phlox

Of dwarf habit with very pretty star-shaped flowers. Mixed colors. Pkt. 15c.

Poppies

Sow as early in the spring as possible, where the plants are to remain, as they will not bear transplanting. As cut flowers they are short lived, but if their stems are dipped in boiling water for just one moment when cutting they will last much longer.

Gould's Reliable Shirley Poppies, Single

Mixed colors. Pkt. 5c.

Gould's Reliable Double Mixture

The flowering period of Double Poppies is very much longer than that of the Single Shirleys and the plants need more space to develop to perfection. Double Poppies make splendid cut flowers. Mixed colors. Pkt. 5c.

Hybridum Splendens

An annual poppy of the Oriental type in single red only. Pkt. 15c.

Portulaca (Moss Rose)

Will grow and bloom abundantly all summer in a dry, hot location, where most other plants would soon die. The flowers are of the richest colors and make a beautiful border.

Single. Mixed colors Pkt. 10c
Double. Mixed colors Pkt. 15c

Pyrethrum Aureum

A very popular plant for edging. It has a beautiful yellow foliage. Pkt. 10c.

Rhodanthe (Everlasting) See Page 42

Ricinus (Castor Oil Bean)

Ornamental plants of stately growth and picturesque foliage with brilliant colored blossoms, producing a tropical effect. Fine for massing in lawns or as a flower bed center.

Borboniensis Arboreus

Very large and beautiful. The foliage is light green attaining a height of 15 feet. Pkt. 10c.

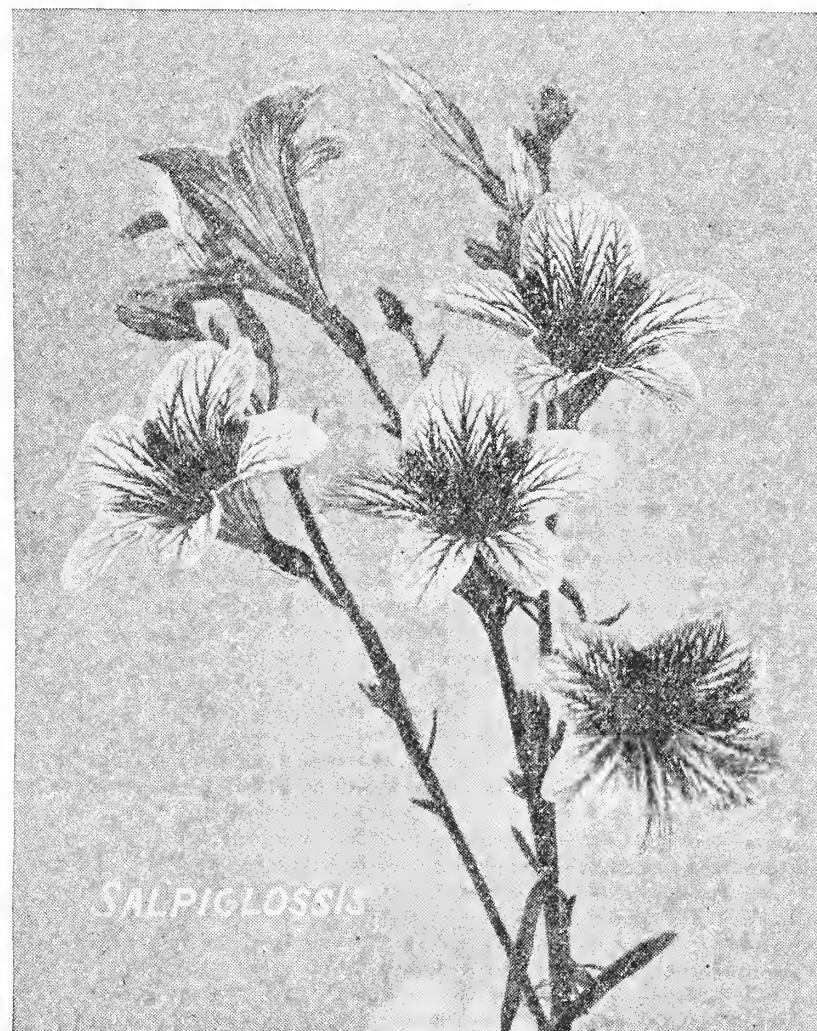
Sanguineus

Blood red stems with green foliage. 6 ft. Pkt. 10c.

Zanzibariensis

The ornamental leaves of a variety of colors beautifully lobed, are 2½ to 4 feet across. Each plant makes a perfect pyramid of foliage thickly set from top to bottom. Height 10 to 12 feet. Pkt. 10c.

All varieties mixed. Pkt. 10c.



Salpiglossis (Painted Tongue)

A very beautiful hardy annual plant, flowering freely from July to early autumn. Rich soil should be provided with plenty of space for plants to develop.

Emperor, Mixed.

A larger type than the Grandiflora, having only one leading stem at the top from which it produces a large cluster of beautiful flowers. Pkt. 10c.



Salvia, Scarlet Sage

A standard bedding plant that keeps the garden bright with color until late in autumn. It is especially adapted for a border in front of tall shrubs or in back of dwarf growing plants.

Splendens

Blooms from August until killed by frosts. Pkt. 10c.

Clara Bedman or Bonfire

The spikes grow erect and stand clear above the foliage. The plants form handsome globular bushes. Pkt. 15c.

Zurich

More dwarf in growth than other salvias, and more thickly studded with fine spikes of bright scarlet flowers. Pkt. 25c.

America

A free and continuous bloomer, particularly valuable for bedding and planting in rows. Pkt. 25c.



Scabiosa

Scabiosa (Mourning Bride)

Commonly known as the Pincushion Plant. The flower stems are long and the blossoms keep well in water. When given plenty of room and the blossoms are picked off regularly they will last all through the summer. It produces many delicate shades. All colors mixed. Pkt. 10c.

Schizanthus

A dainty annual which yields an abundance of blooms on delicate fern-like stems. Very desirable for cut flowers. The colors range from light pink and white to bronze and buff. Pkt. 10c.

Statice Annuals—(Everlastings. See Page 42)

Stocks

Early Giant Imperial

An especially selected type growing 24 to 30 inches tall, of branching habit. Very early blooming and producing a high percentage of doubles. All colors mixed. Pkt. 15c.

Sweet Peas. (See next page.)

Sweet William (Annual)

The plants are of the same type and habits as of the old perennial kinds, but this annual variety will bloom the first year from seed. The blooms are very similar to the older sorts, having a variety of colors and very fragrant. All colors mixed. Pkt. 10c.

Thunbergia (Black Eyed Susan)

A beautiful, rapid-growing annual climber. Used extensively in hanging baskets, vases, etc., and to cover low fences. Pkt. 10c.

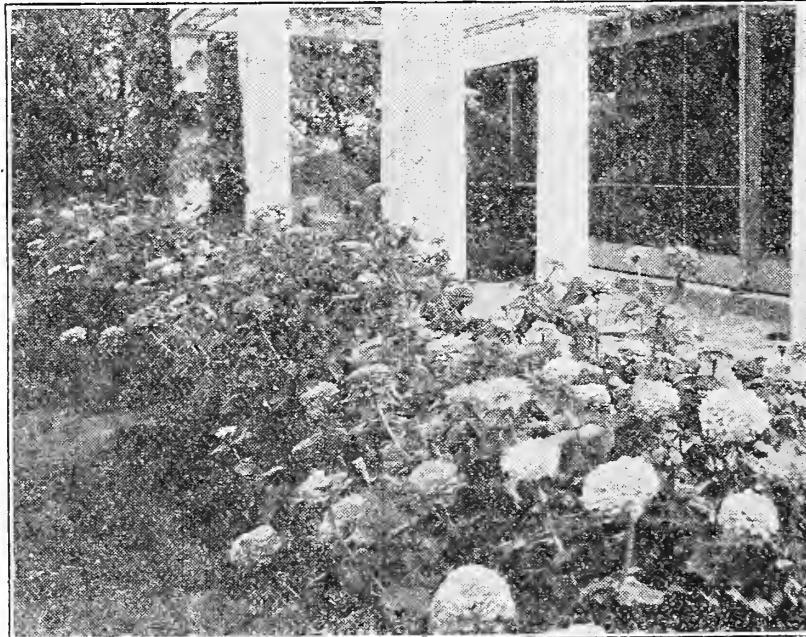
Verbena, Mammoth

The Verbena is one of the most popular garden annuals. They bloom profusely the first year from seed, the flowers lasting until late in autumn. Mixed colors. Pkt. 10c.

Xeranthemum, (Everlasting. See Page 42)

Zinnia, Giant Double

Zinnias are a hardy annual; one of the most desired and lovely flowers found in the garden. Although the Zinnia is an old time garden flower which has to a certain extent been left in the background, we feel that the new and improved types of these Giant Zinnias are deserving of more space and attention. Zinnias are not subject to any of the common diseases or in-



Beautiful Zinnias

Show to best advantage planted in large masses.

sect pests which so often destroy other flowers in the garden. They grow well in partial shade, but like most flowers do best in a sunny location. The seed may be planted in the garden from April 15th to May 15th, and when the plants are two or three inches high they should be thinned out to twelve or fifteen inches apart. If earlier blooms are wanted the seed may be started indoors and transplanted to the open garden from May 15th to June 1st. Plants flower from early summer until late in the fall. When given the proper attention they are wonderful in the garden, yet they will stand about as much neglect as any flower that we know of. There are many brilliant colors as well as subdued ones.

These Giant Double varieties, which we offer, will grow from 2 to 3 feet and bloom continuously from July until frost.

| | |
|---------------------------------|-----------|
| Giant Double, Blood Red | Pkt. 10c. |
| Giant Double, Canary | Pkt. 10c. |
| Giant Double, Scarlet | Pkt. 10c. |
| Giant Double, White | Pkt. 10c. |
| Giant Double, Orange | Pkt. 10c. |
| Giant Double, Salmon Rose | Pkt. 10c. |
| Giant Double, Purple | Pkt. 10c. |
| Giant Double, Mixed | Pkt. 10c. |
| Dwarf Double, Mixed | Pkt. 10c. |
| Mexican Hybrid, Mixed | Pkt. 10c. |
| Dahlia Flowered, Mixed | Pkt. 15c. |

PLEASE NOTE

This price list cancels all prices on any previous issue of the Red Figure price list, on the same items. We reserve the right to forward seed to the value of the money sent us, according as the market is higher or lower. Prices quoted include free delivery to any railway station in St. Paul. If Field or Grass Seeds or other items not marked prepaid are wanted by Parcel Post, please add postage at the rates given on page 3 of our catalog.

Gould's SPECIAL Field Seed

Red Figure Price List

Prices subject to stock being unsold.

Issued January 12, 1927

R.L.Gould & Company

RELIABLE SEEDS SINCE 1898 POULTRY FEEDS

St. Paul, Minn.

ALFALFA

Seamless bags extra at 40c each—150 lbs. per bag.
60 lbs. to the bushel.

| | Lbs. per acre | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. | 100 lbs. |
|----------------------------|---------------|-------|---------|---------|---------|----------|
| Gould's Reliable Grimm.... | 12 | 50c | \$6.75 | \$13.00 | \$25.00 | \$40.00 |
| Montana Common | 15 | 40c | 5.25 | 10.00 | 19.00 | 30.00 |
| Northwestern | 15 | 35c | 4.25 | 8.25 | 16.00 | 25.00 |

CLOVERS

Seamless bags extra at 40c each—150 lbs. per bag.
60 lbs. to the bushel.

| | Lbs. per acre | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. | 100 lbs. |
|----------------|---------------|-------|---------|---------|---------|----------|
| MEDIUM RED | 8 | 50c | \$7.25 | \$14.00 | \$27.50 | \$45.00 |
| Sterling | 8 | 50c | 7.00 | 13.50 | 26.50 | 43.50 |

MAMMOTH RED CLOVER

Sterling

| | | | | | | |
|----------------|---|-----|------|-------|-------|-------|
| Sterling | 8 | 50c | 8.00 | 15.00 | 28.50 | 46.00 |
|----------------|---|-----|------|-------|-------|-------|

ALSIKE OR SWEDISH CLOVER

Sterling

| | | | | | | |
|----------------|---|-----|------|-------|-------|-------|
| Sterling | 8 | 45c | 6.75 | 13.00 | 25.00 | 40.00 |
|----------------|---|-----|------|-------|-------|-------|

WHITE OR DUTCH CLOVER

Reliable

| | | | | | | |
|----------------|---|-----|------|-------|-------|-------|
| Reliable | 8 | 65c | 9.50 | 18.00 | 35.00 | 55.00 |
|----------------|---|-----|------|-------|-------|-------|

SWEET CLOVER—WHITE BLOSSOM

Sterling

| | | | | | | |
|----------------|----|-----|------|------|------|-------|
| Sterling | 14 | 25c | 2.35 | 4.40 | 8.50 | 18.00 |
| Reliable | 14 | 25c | 2.25 | 4.25 | 8.20 | 12.50 |

SWEET CLOVER—YELLOW BLOSSOM

Sterling

| | | | | | | |
|----------------|----|-----|------|------|------|-------|
| Sterling | 15 | 25c | 2.50 | 4.75 | 9.00 | 14.00 |
| Reliable | 15 | 25c | 2.50 | 4.50 | 8.75 | 13.50 |

TIMOTHY

Seamless bags extra at 40c—45 lbs. to the bushel.

| | Lbs. per acre | 1 lb. | 10 lbs. | 1/2 bu. | 1 bu. | 100 lbs. |
|----------------|---------------|-------|---------|---------|--------|----------|
| TIMOTHY | 10 | 20c | \$1.25 | \$2.50 | \$4.75 | \$9.50 |
| Sterling | 10 | 20c | 1.15 | 2.40 | 4.50 | 9.00 |

TIMOTHY AND

ALSIKE MIXED

Reliable

| | Lbs. per acre | 10 lbs. | 25 lbs. | 50 lbs. | 100 lbs. |
|----------------|---------------|---------|---------|---------|----------|
| Reliable | 12 | \$1.50 | \$3.50 | \$6.50 | \$12.00 |

MISCELLANEOUS GRASS SEEDS

Burlap bags 15c each; seamless 40c—14 lbs. to the bushel.

| | Lbs. per acre | 1 lb. | 10 lbs. | 1/2 bu. | 1 bu. | 100 lbs. |
|--------------------------|---------------|-------|---------|---------|---------|----------|
| Kentucky Blue Grass..... | 20 | 50c | \$4.60 | \$6.25 | \$10.50 | \$40.00 |
| Red Top | 10 | 50c | 4.70 | 7.00 | 12.00 | 45.00 |
| Meadow Fescue | 25 | 35c | 2.60 | 3.50 | 6.00 | 23.00 |
| Perennial Rye Grass..... | 28 | 35c | 2.25 | 2.80 | 4.00 | 15.00 |
| Orchard Grass | 28 | 35c | 3.00 | 4.00 | 6.75 | 25.00 |
| Bromus Inermis | 28 | 25c | 1.75 | 2.50 | 4.00 | 15.00 |
| Creeping Bent | 20 | 1.50 | 15.00 | 21.00 | 36.25 | 140.00 |

DISCLAIMER

R. L. Gould & Co. do not give and their agents and employees are forbidden to give any warranty, express or implied, as to the description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and money paid for same will be promptly refunded.

SEED GRAIN

Burlap bags, 15c; seamless, 40c each, extra

| OATS | Lbs. per bu. | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. |
|-------------------------------|--------------|-------|---------|---------|--------|
| Gould's Selected Swedish..... | 32 | 10c | 35c | 60c | \$1.10 |
| N. K. & Co.'s Lincoln..... | 32 | 10c | 35c | 60c | 1.15 |
| Silver Mine | 32 | 10c | 35c | 55c | 1.00 |
| Sixty Day | 32 | 10c | 35c | 55c | 1.00 |
| Gopher | 32 | 10c | 35c | 60c | 1.10 |

| BARLEY | Lbs. per bu. | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. |
|--------------------------------------|--------------|-------|---------|---------|--------|
| Manshury | 48 | 10c | 40c | 70c | \$1.25 |
| Oderbrucker or Wisconsin No. 55..... | 48 | 10c | 40c | 70c | 1.25 |
| White Hullless | 48 | 20c | 75c | \$1.15 | 2.00 |

| SPELTZ | Lbs. per bu. | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. |
|----------------------|--------------|-------|---------|---------|--------|
| Speltz or Emmer..... | 40 | 10c | 40c | 70c | \$1.25 |

| RYE | Lbs. per bu. | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. |
|--------------|--------------|-------|---------|---------|--------|
| Spring | 56 | 10c | 65c | \$1.15 | \$2.00 |

| WHEAT | Lbs. per bu. | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. |
|------------------------|--------------|-------|---------|---------|--------|
| Marquis | 60 | 10c | 85c | \$1.50 | \$2.85 |
| Macaroni or Durum..... | 60 | 10c | 85c | 1.50 | 2.85 |

| FLAX | Lbs. per bu. | 1 lb. | 1/4 bu. | 1/2 bu. | 1 bu. |
|--------------|--------------|-------|---------|---------|--------|
| Common | 56 | 20c | 75c | \$1.25 | \$2.20 |

FIELD PEAS

60 lbs. per bushel.

Seamless bags, 40c each—contain about 150 lbs.

| | 1 lb. | 10 lbs. | 1/4 bu. | 1/2 bu. | 1 bu. |
|-----------------------|-------|---------|---------|---------|--------|
| Canada Yellow | 15c | \$1.15 | \$2.15 | \$4.10 | \$6.50 |
| Canada Green | 15c | 1.15 | 2.15 | 4.10 | 6.50 |
| White Marrowfat | 15c | 1.30 | 2.45 | 4.60 | 7.50 |

FIELD BEANS

Seamless bags extra at 40c each—contain about 150 lbs. per bag.

| | 1 lb. | 10 lbs. | 1/4 bu. | 1/2 bu. | 1 bu. |
|-----------------------|-------|---------|---------|---------|--------|
| M. A. C. Robust | 25c | \$1.40 | \$1.75 | \$3.25 | \$6.00 |
| Manchu Soy | 20c | 1.00 | 1.15 | 2.15 | 4.00 |
| Wis. Black | 20c | 1.00 | 1.15 | 2.15 | 4.00 |

BUCKWHEAT

Sacks extra—Burlap, 15c; seamless, 40c each.

50 lbs. to the bushel.

| | 1 lb. | 10 lbs. | 1/4 bu. | 1/2 bu. | 1 bu. |
|-------------------|-------|---------|---------|---------|--------|
| Silver Hull | 10c | 50c | 90c | \$1.60 | \$3.00 |
| Japanese | 10c | 50c | 90c | 1.60 | 3.00 |

HOG PASTURE MIXTURE

Sacks included.

| | 1 lb. | 6 lbs. | 10 lbs. | 25 lbs. | 100 lbs. |
|-----------------------------|-------|--------|---------|---------|----------|
| Gould's Annual Mixture..... | 10c | 50c | 75c | \$1.50 | \$5.50 |

Gould's SPECIAL Field Seed Price List—Continued

Issued January 12, 1927

Prices subject to stock being unsold.

R.L.Gould & Company
SEEDSMEN SINCE 1898
Saint Paul, Minn.

FIELD CORN

All corn packed $2\frac{1}{2}$ bu. per bag. Seamless bags extra at 40c each. These quotation are f. o. b. St. Paul. All corn offered subject to stock remaining unsold.

| | | | | |
|-----|---------------|---------------|---------------|-----|
| 1 | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{1}{2}$ | 1 |
| lb. | bu. | bu. | bu. | bu. |

Prices Will Be Quoted
Later

FODDER CORN

Seamless bags containing $2\frac{1}{2}$ bu. each, 40c extra

| | | | | |
|-----|---------------|---------------|---------------|-----|
| 1 | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{1}{2}$ | 1 |
| lb. | bu. | bu. | bu. | bu. |

Prices Will Be Quoted
Later

POP CORN

| | | | | |
|-----|------|------|------|------|
| 1 | 5 | 10 | 25 | 100 |
| lb. | lbs. | lbs. | lbs. | lbs. |

| | | | | | |
|--------------------------|-----|--------|--------|--------|---------|
| Black Beauty | 25c | \$1.15 | \$2.00 | \$4.00 | \$15.00 |
| White Rice | 15c | .65 | 1.10 | 2.50 | 9.00 |
| Japanese Dwarf Rice..... | 25c | 1.15 | 2.00 | 4.00 | 15.00 |

SORGHUM

Burlap bags, 15c; seamless 40c each, extra.

| | | | | |
|------------|-----|------|------|------|
| lbs. per 1 | 5 | 10 | 25 | 100 |
| acre | lb. | lbs. | lbs. | lbs. |

Prices Will Be Quoted
Later

DWARF ESSEX RAPE

Sow 5 to 10 lbs. per acre broadcast.

Burlap bags, 15c; seamless, 40c each, extra.

| | | | | |
|-----|------|------|------|------|
| 1 | 5 | 10 | 25 | 100 |
| lb. | lbs. | lbs. | lbs. | lbs. |

| | | | | | |
|-----------------------|-----|-----|--------|--------|---------|
| Dwarf Essex Rape..... | 20c | 80c | \$1.40 | \$3.00 | \$10.00 |
|-----------------------|-----|-----|--------|--------|---------|

MISCELLANEOUS FIELD SEEDS

Bags extra—Burlap, 15c; seamless, 40c each.

| | | | | |
|-----|------|------|------|------|
| 1 | 5 | 10 | 25 | 100 |
| lb. | lbs. | lbs. | lbs. | lbs. |

| | | | | | |
|------------------------------|-----|--------|--------|--------|---------|
| Sand or Winter Vetch..... | 25c | \$1.15 | \$2.20 | \$5.00 | \$17.00 |
| Spring Vetch | 25c | 1.00 | 1.60 | 3.50 | 12.00 |
| Sunflower, Mammoth Russian.. | 20c | .75 | 1.20 | 2.50 | 9.00 |
| Sudan Grass | 25c | .75 | 1.00 | 2.25 | 8.00 |
| Kaffir Corn | 15c | .50 | .80 | 1.50 | 5.00 |

MILLETS

48 lbs. per bushel. In seamless sacks containing about 130 lbs. Sacks 40c each.
lbs. per acre 1 lb. $\frac{1}{4}$ bu. $\frac{1}{2}$ bu. 1 bu. 100 lbs.

Prices Will Be Quoted
Later

ONION SETS

Prices Will Be Quoted
Later

ONION PLANTS

PRIZETAKER AND BERMUDAS

Per thousand \$2.00 postpaid
Crates of 6 thousand, per thousand.. 1.50 not postpaid

SEED POTATOES

All Hand Selected—Bags Included.

Prices Will Be Quoted
Later

FERTILIZERS

Prices Will Be Quoted
Later

Gould's Cackler

PUBLISHED BI-MONTHLY OR OFTENER IN CONNECTION WITH POULTRY FEED PRICE LIST IN THE INTEREST OF POULTRY RAISERS. SENT FREE TO ANYONE ON REQUEST.

Vol. 4

January 12, 1927

No. 3

Should We Heat the Henhouse in Winter?

Fowls of all kinds can stand considerable cold. Their thick feather covering offers the same comparative protection against cold as does a man fully dressed for winter without the extra overcoat, etc., for extreme outside temperatures. The heavier birds such as the Rocks, Wyandottes, Rhode Island Reds, Orpingtons, etc., can stand considerable more cold than such birds as the Leghorns.

In order to keep up heavy egg production, experience tends to prove that here in the Northwest with extreme drops of temperature, it is advisable to provide artificial heat of some kind when the thermometer hits far down below the zero mark. This is especially true where one has the slender and rather nervous Leghorns. They cannot stand nearly as much cold as the dual-purpose birds, or heavier type.

Where artificial heat has been supplied, it has proven that egg production was kept at a fairly steady level all winter long, while the birds who were not supplied with artificial heat were inclined to lay less eggs with the drop in temperature. The explanation is most natural and logical in that the birds will draw more on their feed intake to supply extra heat in colder weather than they do when the weather is warmer, instead of using the feed in making eggs.

Methods of supplying heat depend on the size of the coop, and other conditions, but the Brooder heater is very adaptable to regulating the proper amount of heat in large coops. Care must be taken not to supply too much heat, as this is bad. In your own home you can discard some of your clothes if it gets too hot, but in the henhouse the birds have to keep their heavy feather jackets on at all times. For the small poultry house, heated fountains will in many instances supply the extra heat needed to keep the henhouse warm and comfortable.

Avoid getting the henhouse too hot, or too dry, or damp, but be sure to supply good ventilation. This is very important, even if some of the heat has to go out the ventilator. The danger in supplying artificial heat in the henhouse is in the lack of ventilation. But be sure that there are no drafts. Reach your hand up into all the corners of the coop, especially over the roosts on some windy day, and make certain that drafts are not coming in some where.

The World's Best Layer

When it comes to deciding what breed of birds is the best layer, you hear all fanciers shouting at the same time that his or hers is the best. When it comes to strictly egg production, we have always favored the Leghorns, and at this time, it is a Leghorn bird that holds the world's record. At the recent Dominion Egg Laying Contest, Agassiz, B. C., Canada, a S. C. White Leghorn owned by the University of British Columbia, made the new world's record of laying 351 eggs in 365 days. Can you beat that! Washington State College has a S. C. Leghorn pullet which laid 337 eggs in 365 consecutive days, ending October, 1926.

Do Not Push Your Breeders For Eggs

During the months of high priced eggs, there is a tendency to push your breeding stock too heavily for eggs. Your breeding stock should not be sacrificed for egg production as you will have to pay dear for this later on, if you crowd them too fast. When the breeding season comes along, your birds will be in a run-down condition, and eggs laid for hatching will be of weak vitality. It is better to use your pullets for heavy egg production, and hold back your older birds for breeders, with the kind of feed that does not crowd them for eggs, but builds vitality and vigor instead. What your chicks will be depends on the male bird, and on the health and general condition of your breeder hens. You cannot expect them to lay heavy throughout the winter and then be in good condition for breeding in the spring months. Build your breeding stock up, not down. Then you can look forward with pride to your next generation of fowls.

Egg Mash is the backbone of egg production, and the breeding stock should not have much of this. Instead feed them liberally of green food, such as sprouted oats, cabbage, mangels, and the like. Give them plenty of grain feed in deep litter. Feed this a little at a time and often during the day, so as to induce plenty of exercise in scratching. This is important in the health building program of your breeders. Cleanliness and good ventilation at all times are also two very important things in the welfare of your birds.

The Danger Line

There is a certain limit beyond which you should not go in making your hens lay. Egg-making takes considerable energy from the hen in digesting the egg-making food, beside what she needs for her own bodily needs, which is greater in cold weather. An ordinary flock of birds should not be made to lay more than 40% for a long period, but a well-bred lot of birds, with good care and under good conditions, can be pushed at the rate of 50% egg production for a considerable period. That means that the hens should lay an egg each, about every other day, on the average.

PLEASE NOTE
This price list cancels all previously issued. Prices quote' INCLUDE BAGS, and are F. O. B. St. Paul, subject to change without notice. As prices on grains fluctuate from day to day, orders will be filled at current rate on the day they are received. Should prices decline we will refund amount overpaid or ship extra quantity to cover cash.

Poultry Feed Price List

LET US
HELP YOU

"One Pound or a Carload"

Delivered to any part of the city, express or freight depots

R.L.Gould & Company
RELIABLE SEEDS SINCE 1898 POULTRY FEEDS
SAINT PAUL, MINN.

If you have any poultry problem you would like information on, please write us. We have a wealth of poultry information at our disposal that is yours for the asking. This service is free. Use it as often as you like.

Baby Chick Mash Feeds

Pratt's Baby Chick Food

| | | | |
|---------|-----|----------|--------|
| 2½ lbs. | 25c | 25 lbs. | \$1.65 |
| 5 lbs. | 40c | 50 lbs. | 3.20 |
| 10 lbs. | 75c | 100 lbs. | 6.10 |
| | | | |
| | | | |

Blatchford's Chick Mash

| | | | |
|--------------|-----|-------------|--------|
| 4-lb. carton | 35c | 25-lb. bag | \$1.40 |
| 10-lb. bag | 65c | 50-lb. bag | 2.80 |
| | | 100-lb. bag | \$5.00 |

Growing Mash

Gould's Growing Mash (With Buttermilk)

| | | | | | |
|---------|--------|---------|--------|----------|--------|
| 25 lbs. | \$1.20 | 50 lbs. | \$2.30 | 100 lbs. | \$4.50 |
|---------|--------|---------|--------|----------|--------|

Scratch Feeds

25 lbs. 50 lbs. 100 lbs.

| | | | |
|----------------------------|--------|--------|--------|
| Gould's Reliable | \$.80 | \$1.40 | \$2.65 |
| Gould's Red Ribbon | | | 2.55 |
| Gould's Baby Chick Starter | 1.00 | 1.85 | 3.40 |
| Gould's Chick Feed | .95 | 1.80 | 3.30 |
| Gould's Developing Feed | .90 | 1.75 | 3.20 |
| Pigeon Feed | | | 4.10 |

Egg Mash

25 lbs. 50 lbs. 100 lbs.

| | | | |
|---|--------|--------|--------|
| Gould's Reliable Egg Mash | \$.95 | \$1.85 | \$3.50 |
| 3 100-lb. bags, \$10.00. Cash with order. | | | |
| Blatchford's Egg Mash | 1.10 | 2.20 | 4.00 |

Miscellaneous Feed

25 lbs. 50 lbs. 100 lbs.

| | | | |
|--|--------|--------|--------|
| Blatchford's Calf Meal | \$1.45 | \$2.80 | \$5.40 |
| Champion Dog Biscuits, 2-lb. pkg., 40c; 4-lb. pkg., 70c; 25-lb. bag, \$3.00. | | | |

Bird Seed

1 lb. 5 lbs. 10 lbs.

| | | | |
|----------------------------|--------|--------------------|--------|
| Bird Seed, Gould's Mixture | \$.15 | \$.60 | \$1.15 |
| Canary | .15 | .65 | 1.25 |
| Hemp | .15 | .65 | 1.25 |
| Millet | .10 | .35 | .70 |
| Rape | .15 | .65 | 1.25 |
| Sunflower | .15 | .60 | .95 |
| Lettuce Seed | .50 | | |
| Poppy Seed | .25 | 1.15 | 2.00 |
| Bird Gravel (bulk) | .05 | .25 | .50 |
| Cuttle Bone | | Oz. 10c; ¼ lb. 30c | |

Unmixed Grains

| | 25 lbs. | 50 lbs. | 100 lbs. |
|--|---------|---------|----------|
| Steel Cut Oats | \$1.05 | \$2.00 | \$3.75 |
| Middlings | .55 | .95 | 1.75 |
| Wheat Bran | .50 | .90 | 1.65 |
| Corn Meal | .65 | 1.20 | 2.25 |
| Shelled Corn | .70 | 1.25 | 2.30 |
| Cottonseed Meal | 1.00 | 1.90 | 3.25 |
| Cracked Corn, screened (medium or hen size) | .65 | 1.25 | 2.40 |
| Gluten Feed | .85 | 1.60 | 3.00 |
| Kaffir Corn | .75 | 1.35 | 2.50 |
| Oil Meal | .90 | 1.70 | 3.25 |
| Ground Oats | .70 | 1.20 | 2.25 |
| Barley | .65 | 1.20 | 2.35 |
| Oats, clipped | .70 | 1.15 | 2.20 |
| Wheat | .85 | 1.65 | 3.10 |
| Alfalfa Meal | .80 | 1.45 | 2.50 |
| Sunflower Seed | 2.50 | 4.50 | 8.50 |
| Millet | 1.50 | 2.75 | 5.00 |
| Hulled Oats | 1.05 | 2.00 | 3.75 |
| Cracked Wheat | 1.00 | 1.90 | 3.60 |
| Seed Oats, for sprouting | .70 | 1.30 | 2.45 |
| Ground Hulled Oats | 1.15 | 2.25 | 4.25 |
| Rolled Oats | 1.05 | 2.00 | 3.75 |

High Protein Feeds

| | 25 lbs. | 50 lbs. | 100 lbs. |
|---|---------|---------|----------|
| Darling's Meat Scraps | \$1.30 | \$2.50 | \$4.75 |
| Swift's Meat Scraps | 1.30 | 2.50 | 4.75 |
| Fish Meal | 1.50 | 2.80 | 5.50 |
| Blood Meal | 1.75 | 3.25 | 6.00 |
| Ground Bone | 1.25 | 2.25 | 4.00 |
| Bone Meal | 1.25 | 2.25 | 4.00 |
| Tankage | | | 4.35 |
| Meat Crisps, 3 lbs. 40c; 6 ½-lb. pkg. 80c; 25 lbs. \$2.50 | | | |

Shell, Grit and Charcoal

| | 25 lbs. | 50 lbs. | 100 lbs. |
|------------------------------------|---------|---------|----------|
| Crushed Oyster Shell | \$0.45 | \$0.80 | \$1.50 |
| Mica Crystal Grit | .40 | .75 | 1.40 |
| (Chick, pigeon or hen size) | | | |
| "Two-in-One" Grit | .35 | .60 | 1.10 |
| Foust Pigeon Grit | .75 | 1.40 | 2.75 |
| Charcoal (Blk Diamond Brd.) | 1.00 | 1.90 | 3.50 |
| (Fine, medium or coarse size) | | | |
| "Esso" Chicken Charcoal, 2-lb. pkg | | | .20 |

Collis Dried Buttermilk

| | | | |
|--|--------|----------|---------|
| Two sizes—fine for mash, coarse for hopper feeding | | | |
| 7 lbs. | \$1.00 | 50 lbs. | \$ 6.25 |
| 25 lbs. | 3.20 | 100 lbs. | 12.00 |


 Sweet Peas

No garden is too small for a row of Sweet Peas and no estate, however extensive or magnificent, should fail to include many varieties of this most popular

The following named varieties represent the most popular shades of the large flowering Spencer Sweet Peas.

Burpee's Giant White. One of the most perfect white Sweet Peas produced. The flowers are of wonderful size and form. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Commander Godsall: The color is an attractive shade of deep violet-blue. Flowers are large and attractively waved and fluted. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Countess Spencer. A soft rose-pink which deepens at the outer edges. Large and well waved. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Florence Nightingale: A soft clear rich lavender, enlivened with a faint sheen of rose-pink. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Giant Attraction: The large shell-pink blooms are very beautiful; clear in color, of large size and fine form. It is a free bloomer. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Hawlmank Cerise: The blooms are large and waved with a glowing rose cerise on cream ground. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Hawlmank Lavender: A free bloomer of pure lavender color. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Hawlmank Maroon: A rich red-maroon resembling polished mahogany. A remarkably strong grower. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Hawlmank Pink: The flowers are clear salmon-pink; wings almost rose-pink. One of the finest of Pinks. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

King Mauve: A very pleasing shade of rosy mauve. Flowers are of immense size and charmingly waved or frilled. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

King White: Noted for the glistening purity of the whiteness and perfect finish of the flower. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

New Wedgewood: The immense blooms are a lovely shade of bright blue. One of the finest of blues. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Picture: Color is a blend of cream and pink shades, having a deeper flush on the wings. Exceptionally large and exquisitely frilled on the edges. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Blue Bird: A fine blue of extremely bright color. The flowers are large and come on long stout stems. A new introduction. Pkt. 25c; oz. 50c; $\frac{1}{4}$ lb. \$1.75.

King Edward: One of the best crimson Sweet Peas in existence. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Pink Perfection: Is a rich pure shade of bright salmon pink. The flowers are very large and frilled. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.50.

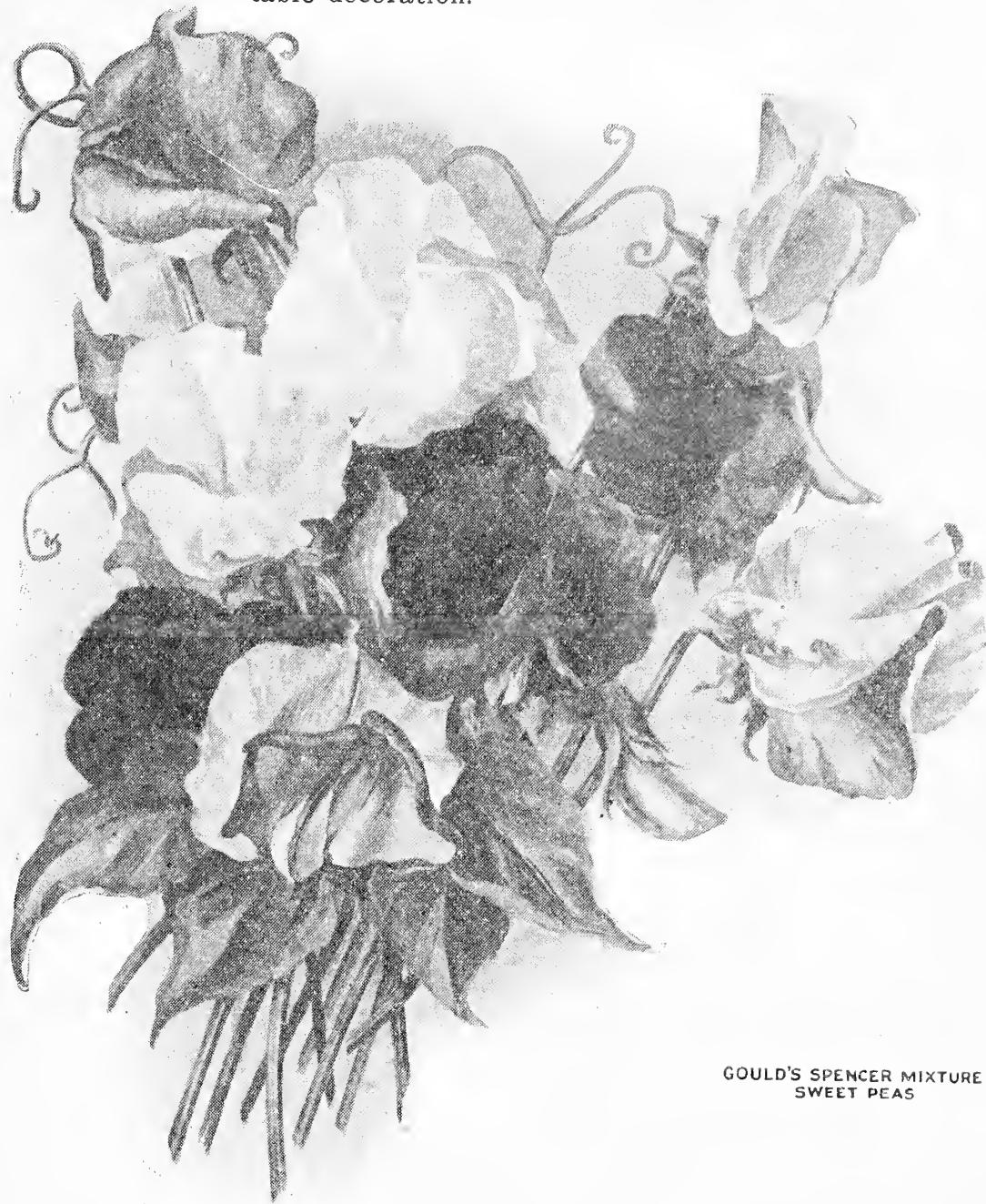
The President Harding. An entirely new shade called Peach Red. One of the very latest Burpee introductions. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Empire: Is a flower of great substance, with its clear cerise pink blossoms suffused with rose. Pkt. 25c; oz. 50c; $\frac{1}{4}$ lb. \$1.75.

Royal Purple: Very rich and warm purple, having a slightly softer color tone; early. Flowers are large and well waved. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Improved Tangerine: The finest of orange colored Sweet Peas. Deep orange color almost approaches to

flower. Its long blooming season usually extends from early summer until autumn. No other climber equals it for cutting, either for use in bouquets or for table decoration.



GOULD'S SPENCER MIXTURE
SWEET PEAS

GOULD'S RELIABLE MIXTURE SWEET PEAS

Gould's Reliable Spencer Mixture of Sweet Peas is composed of a special selection of varieties to produce a harmony of colors that is rarely offered in mixtures. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

a tangerine orange tint. Flowers are of great size, beautifully waved. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Fiery Cross: The standards are a bright fire-red with wings of a rich cherry and orange blend. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Hercules: A magnificent deep rose pink. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Jack Cromwell: Fine dark blue of enormous size. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

Majestic: Beautiful cream, very delicate color. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.

The President: Most brilliant orange scarlet. Four immense flowers are borne on strong stems. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.



EVERLASTINGS



Helichrysum Bouquet.

Acroclinium

A very pretty Everlasting, producing an abundance of double daisy like flowers with yellow centers.

White Pkt. 10c Rose Pkt. 10c Mixed Pkt. 10c

Alyssum Saxatile (Perennial)

The seed pods may be used as an Everlasting flower. Pkt. 15c.

Ammobium

A pretty white Everlasting which does very well on sandy soil. Grows 2½ feet high. Pkt. 10c.

Briza (Quaking Grass)

Makes a splendid combination to mix with other Everlastings for winter bouquets. Pkt. 10c.



Helichrysum or Everlasting.

Gomphrena (Globe Amaranth)

An attractive Everlasting that produces an abundance of clover-like blossoms in many attractive colors. Pkt. 10c.

TULIPS

Tulips can only be planted in the Fall. We carry a large variety then, and a special Fall bulb list is issued about September 15th.

Everlasting Flowers are becoming very popular for winter bouquets. A bouquet from your own garden given to a friend in the middle of winter will be a very acceptable gift.

All Everlasting flowers will retain their color and shape better if not allowed to fully open before being cut. If cut to preserve for the winter, they should be hung upside down until dry. This causes the stems to dry straight and remain so.

Helichrysum (Straw Flower)

This is without a doubt the best known of the Everlasting type of flowers, and still a very small percentage of flower growers realize the value of Everlasting flowers. One has to see these in winter bouquets with sprays of Statice, Gypsophila, Chinese Lanterns and many others of the Everlastings with their delicate shades of color to appreciate their true value.

We are offering the Helichrysum in nine distinct colors and also in the mixed colors.

| | | | |
|---------------|----------|--------------|----------|
| Canary Yellow | Pkt. 10c | Salmon Pink | Pkt. 10c |
| Crimson | Pkt. 10c | Scarlet | Pkt. 10c |
| Fire Ball | Pkt. 10c | Violet | Pkt. 10c |
| Golden Globe | Pkt. 10c | White | Pkt. 10c |
| Rose Carmine | Pkt. 10c | Mixed colors | Pkt. 10c |

Rhodanthe

Dainty flowers carried gracefully upon a long thin stem, making it very attractive and desirable for winter bouquets. Pink, White and mixed. Pkt. 15c.

Statice (Annuals)

| | |
|--|-----------|
| Bonduelli, A bright golden yellow which is very attractive, especially in winter bouquets. | Pkt. 10c. |
| Sinuata, Extra deep true blue | Pkt. 10c. |
| Sinuata, Rose pink | Pkt. 10c. |
| Sinuata, White | Pkt. 10c. |
| Sinuata, Lavender | Pkt. 10c. |
| Sinuata, Mixed colors | Pkt. 10c. |
| Perezii, Multiflora, bright blue | Pkt. 10c. |
| Suworowii, Russian Statice | Pkt. 10c. |

The above varieties of Statice are of the annual type and should not be mistaken for the perennial Statice *Latifolia* which is somewhat similar to the perennial *Gypsophila*. The annuals have larger blossoms and are very showy.

Xeranthemum

Another of the free blooming annual Everlastings. The flowers are small, but very double and the variation in colors make it very attractive. Pkt. 10c.

The following are the most popular of the Perennial Everlastings

Echinops Ritro (Globe Thistle)

The seed pod may be dried. Pkt. 15c.

Gypsophila Paniculata (Baby's Breath)

A very fine delicate bloom that is grown very extensively by florists for cut flowers. Pkt. 15c.

Lunaria (Honesty or Satin Flower)

A biennial will not bloom the first year from seed. The second year after the blooms are past, the seed pods will mature and resemble a silver dollar or a satin disc. The stems can then be cut and dried and will keep for years. Pkt. 15c.

Physalis Franchetti (Chinese Lantern Plant)

The flower of this plant is not noticeable to any extent, but the fruit or seed pod which resembles a husk tomato, but is larger, will grow to about the size of an egg. These at first are green, but as they mature, turn to a bright red giving it the appearance of a Chinese lantern. The stems should then be cut, and unlike other Everlastings, should be hung up in an upright position to allow the lanterns to hang in their natural position. Pkt. 15c.

Statice Latifolia (Sea Lavender)

Produces a mass of tiny blossoms resembling the Baby's Breath. Pkt. 15c.

Shrubs, Roses, Fruit Trees,

Berry Bushes, Grape Vines, Etc.

We issue a special price list on a full and complete line of shrubbery etc., along about April 1st.

HARDY PERENNIAL FLOWER SEEDS

CULTURE. Everyone likes perennials because they are permanent—once established they increase in size and beauty. Many sorts are raised from seed, usually blooming the year after sowing. The seed bed must be well drained, fine and firm. If the soil is at all heavy cover with one inch of sand. The seed may be planted from June 10th to early July. After soaking the seed 24 hours, sow the fine sorts in rows, 3 inches apart, on the surface of sand or well sifted soil, and press down with a board. Large seeds may be covered to twice their thickness. The bed must be kept shaded constantly with a screen made as follows: Nail common laths 2 inches apart on end strips. Place this screen over the bed on 4 bricks set endwise. Water as required; when seedlings have two pairs of leaves, transplant into rows a few inches apart each way, and later when they begin to crowd transplant a second time. This involves extra work but is necessary to raise sturdy plants. Keep them shaded with the screens all summer. In September, if well developed, they may be placed in their permanent locations where they are to blossom the following year, or left in the seed beds for early Spring transplanting.

Achillea (Double White Yarrow)

One of the best hardy white perennials. Grows about two feet high, from spring until frost. Is covered with head of purest white double flowers. Pkt. 15c.

Agrostemma (Rose of Heaven)

A stout erect growing plant with silvery foliage and a bright rosy crimson flower. Pkt. 15c.

Alyssum Saxatile

Has masses of bright yellow flowers. After the blooming season is over the seed pods may be used in Everlasting bouquets. Pkt. 15c.

Anchusa, (It. Dropmore Variety)

Blue, large, for-get-me-not-like flowers. Very fine for the back of the perennial border or for a screen. Grows 4 to 5 feet high, blooms in June and July. Pkt. 15c.

Anthemis Tinctoria

Hardy Marguerite

Grows about 12 inches high, bearing in profusion, daisy shaped, yellow flowers, that blossom in July and August. Pkt. 15c.

Aquilegia (Columbine)

Charming hardy perennial plants growing from one to three feet high, bearing in countless numbers through May and June their exquisite blossoms of clear blue, white, rose, lavender, yellow and purple. For planting in permanent borders along woods or shrubbery they are unsurpassed. All colors mixed. Pkt. 15c.

Bellis (English Daisy)

Daisies are easily raised from spring sown seed, and come into flower in a very short time. They thrive best in a cool, shady place, but do well in almost any soil. Admirably adapted for edgings, borders and low beds. Height 6 to 8 inches. Pink, white, crimson, or double mixed colors. Pkt. 15c.

Boltonia (False Chamomile)

A very showy tall hardy perennial, which blooms from early summer until frost. Many blooms of a delicate pink shaded with lavender are open at one time making it very attractive. Pkt. 15c.

Campanula Calycantha

Cup and saucer variety. Produces beautiful single flowers three inches in length with saucers three to four inches in diameter.

The plants form pyramids of exquisite blossoms for weeks, during the early summer. A hardy biennial, flowering the second season from seed. Pkt. 15c.

Campanula Medium (Single Canterbury Bell)

Same as above excepting that the flowers are single cups without the saucers. Mixed colors. Pkt. 15c.

Coreopsis Lanceolata

A hardy perennial about two feet high that produces an abundance of large, daisy shaped flowers on long stems. One of the best perennials for cut flowers. Pkt. 15c.

Daisy, Ox Eyed

Flowers like the wild white daisy, but twice as large. Very hardy and easily grown, has long stems, making it very desirable for cut flowers. Pkt. 15c.

Daisy, Shasta

A hardy perennial bearing large pure white flowers, in great profusion on long stems, making it desirable for cut flowers. Pkt. 15c.

Delphinium (Hardy Larkspur)

Very decorative border plants ranging in height from two to four feet. The colors run from pure white to dark blue. When plants are 15 inches high, they should be staked to prevent breaking down.

Belladonna A delicate turquoise-blue. Pkt. 15c.

Bellamousum Intensely rich dark blue. Pkt. 15c.

Gold Medal Hybrids. All colors mixed. Pkt. 15c.

Digitalis, Foxglove

A very interesting family of old fashioned plants, whose culture is so simple as to bring them within the reach of all. It grows in strong clumps and is one of our very fine hardy perennials. Mixed colors. Pkt. 15c.

Echinops Ritro, or Globe, Thistle—See page 42.

Gaillardia Grandiflora, Blanket Flower

A very free blooming perennial bearing large yellow, or red daisy shaped flowers. Very easy to grow and will bloom all summer. Pkt. 15c.

Gypsophila Paniculata

(Baby's Breath)

The blossoms are small, star like, and borne in feathery sprays, which are highly esteemed for cut flowers, as they lend a most graceful effect when combined in bouquets. Pkt. 15c.

Helenium Autumnale

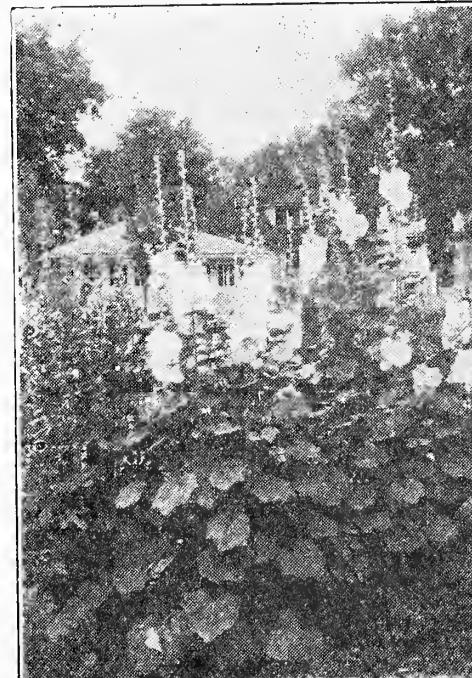
A showy native perennial growing 4 to 6 feet high. Has a spreading head of golden yellow daisy-like flowers, resembling the pompon chrysanthemum. Pkt. 15c.

growth. Does well in any garden soil

Heuchera (Alum Root, Coral Bells)

An ordinary hardy perennial of easy growth producing dainty sprays of rose carnation flowers on long stems. Pkt. 25c.

HOLLYHOCKS



Hollyhocks.

The most marked improvement is found in the Chater's strains. These are beautiful beyond description. The Chater's produce for the most part, flowers which are densely double, although occasionally some single blossoms are seen among them. The colors are innumerable, ranging from pure white to darkest maroon, some are bright and gay, others of the softest and most delicate shades and tints. The stalks average about four feet in height but many are 6 and even 8 feet high. These stalks are densely covered with blossoms as beautiful in texture and appearance as the rose.

Single Hollyhocks

Many prefer the single-flowering hollyhocks. They are usually of freer growth than the doubles and present a very handsome appearance. Mixed, pkt. 15c.

Hollyhock. Chater's Double

| | | | |
|------------------|----------|------------------|----------|
| White | Pkt. 15c | Bright Red..... | Pkt. 15c |
| Salmon Rose..... | Pkt. 15c | Maroon | Pkt. 15c |
| Bright Pink..... | Pkt. 15c | Mixed Colors.... | Pkt. 15c |
| Yellow | Pkt. 15c | | |

**Honesty. (Satin Flower)** See page 42.**Lathyrus. (Hardy Sweet Pea)**

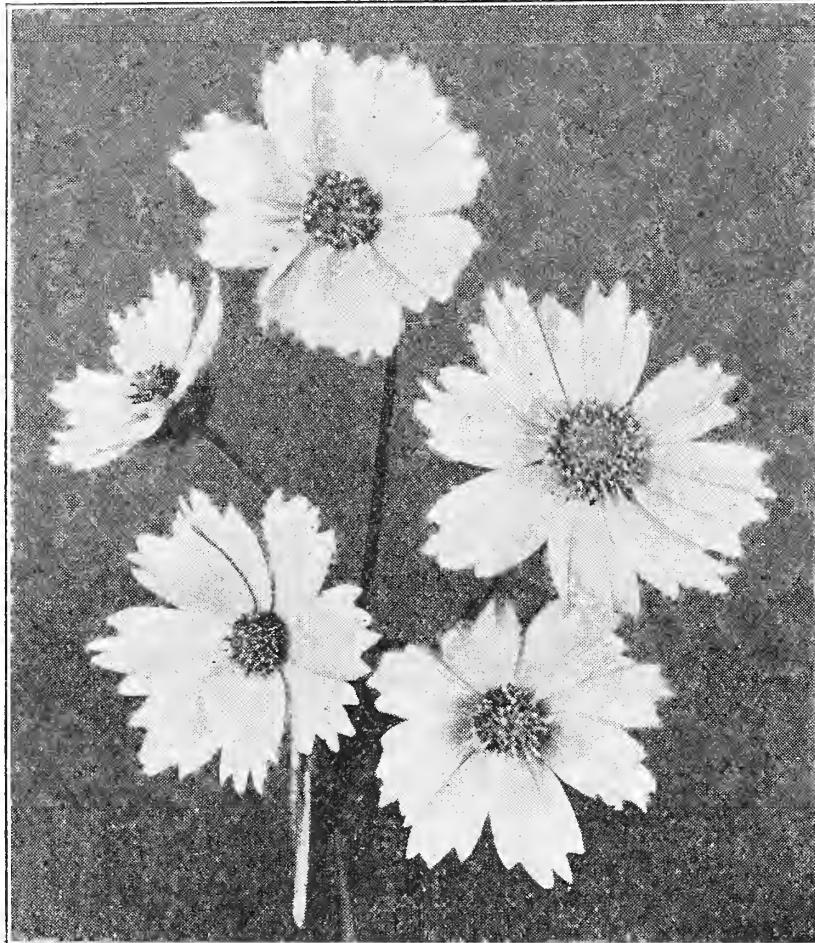
Showy, free flowering, hardy perennial climber, valuable for covering old stumps, fences, etc., continually in bloom. Good for cut flowers. They require a rich deep soil. Pink, red, white, or mixed. Pkt. 15c.

Lavendula Vera. (True Lavender)

Delightfully fragrant flowers used dry for their lasting perfume. Pkt. 15c

Linum Perenne

A pretty plant for the border, with light graceful foliage, bearing large flowers through the entire summer. Flowers are delicate light blue to pure white, about 15 inches in height. Mixed colors. Pkt. 15c.



Coreopsis—See previous page

Lupine

This will be found a great acquisition to any garden. It forms dense bushes about four feet high, of elegant spikes completely clothed to the ground with snowy white and deep sea blue flowers, that are very fragrant. Pkt. 15c.

Lychnis. (Rose Campion)

Handsome plants of easy culture, growing in any rich garden soil. Mixed colors. Pkt. 15c.

Lythrum. (Roseum Superbum)

A pretty, hardy perennial. Grows three feet high and produces spikes of rosy flowers from July to September. Pkt. 15c.

Myosotis. (Forget-Me-Not)

Half hardy Perennial, which flowers the first year from seed if sown early. Will bloom throughout the summer and fall if sown in a somewhat shaded location. Blue and white mixed. Pkt. 15c.

Pentstemon. (Bearded Tongue)

Attractive plants, much used in the hardy border. The bushes are pyramidal. 2 to 3 feet high, with erect branches thickly set with flowers 1½ inches long, varying in all shades from rosy-white to purple with white or veined throats. Mixed colors. Pkt. 15c.

Physalis Franchetti. See page 42.**Physostegia**

These handsome plants flower from July until frost, growing 3 to 4 feet high and bear broad, dense spikes of delicate pink tubular flowers not unlike a giant Heather. Pkt. 15c.

Platycodon. (Japanese Bell-Flower)

A member of the Campanula family, with handsome, branching spikes 2 to 4 feet high. Platycodon is considered by many the best bell flower. They bear these large, showy, deep-blue flowers continuously from July until frost.

Grandiflorum

Tall, deep-blue. Pkt. 15c

Mariesi

Dwarf, deep-blue. Pkt. 15c

Perennial Poppies

These hardy varieties are very beautiful, blooming from June to frost.

Iceland Poppy

Similar to the annual Shirley Poppy but in addition to the white, red and pink shades of the latter, the Iceland Poppy is often a fine yellow or orange color. Pkt. 15c.

Oriental Poppy

One of the most gorgeous of all perennials, producing in June and July its enormous blossoms, often 6 inches in diameter. The colors range from soft blush and rose to flaming scarlet and richest maroon. The flower stems are long and heavy, bending gracefully under the weight of the blossoms. The culture is simple if the directions at the top of previous page are followed. The plants are at their best when about 3 years old. Often one specimen will show 10 or 15 blooms. All colors mixed. Pkt. 15c.

Pyrethrum Hybridum

Bears large daisy-like flowers ranging in color from white to deep red with bright yellow centers; fine for cutting. Blooms in early spring and again in the fall. Single varieties, all colors mixed. Pkt. 15c.

Scabiosa Caucasica

Resembling in shape the annual Scabiosa. This hardy variety bears large blossoms of a delicate lilac blue shade. The plants grow about 2 feet high, blooming from July until frost. A fine plant for borders or cut flowers. Pkt. 15c.

Sunflower. (Helianthus)

Seeds sown early will produce flowering plants the first year.

Autumn Glory

Bright yellow flowers; blooming in August and September. Height 3 to 4 feet. Pkt. 15c.

Maximiliana

Flowers single, clear yellow, with several rows of large ray petals and full center. Blossoms late in the autumn. Height, 6 feet. Pkt. 15c.

Multiflorus

Dwarf double yellow like an aster; blooming in August. Pkt. 15c.

Sweet William. (Dianthus Barbatus)

A beautiful, free-blooming, hardy perennial producing a splendid effect in beds and borders with rich and varied flowers.

Single Mixed Pkt. 15c

Double Mixed Pkt. 15c

Tritoma. (Red Hot Poker)

Although these are hardy plants, many will flower the first year if seed is sown early. They grow about 3 feet high and bear in August blazing, orange-red spikes, blooming until frost. Very effective for cut flowers. Pkt. 15c.

Veronica Speedwell**V. Spicata**

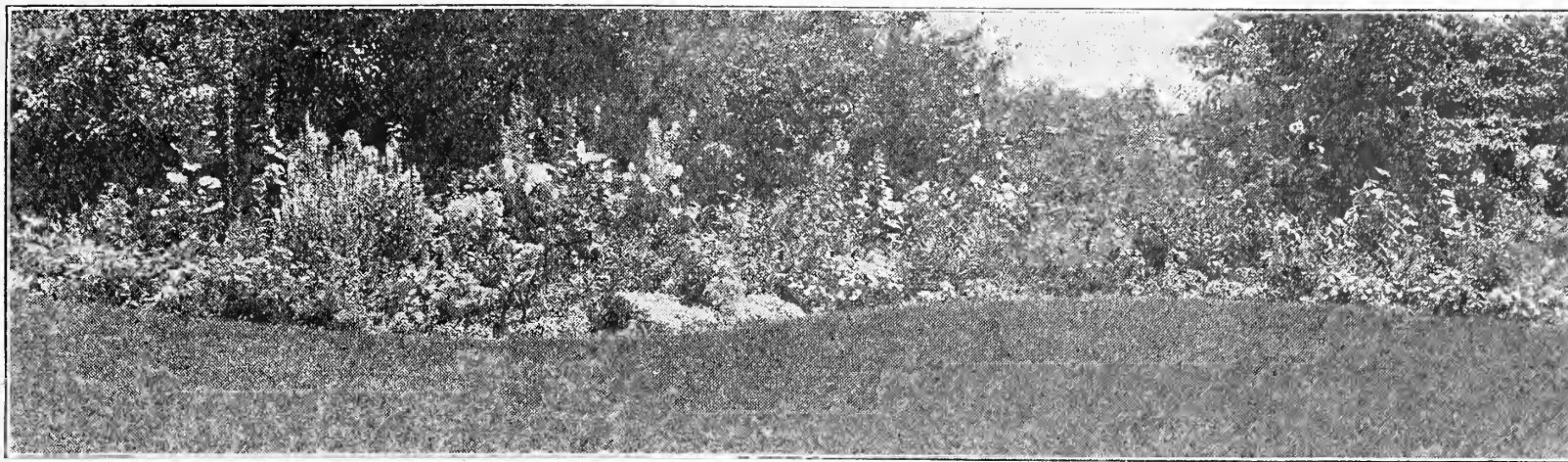
Height, 18 inches, flowers all summer; showy spikes, of bright blue flowers. Fine for cutting. Pkt. 15c.

Wallflower

Half hardy perennials bearing dainty, yellowish, red or orange flowers, which have a delicious odor.

Single Mixed. All colors. Pkt. 15c

Double Finest Mixed. Pkt. 15c



The old time Perennial border is as popular as ever

PERENNIAL FLOWERING PLANTS

A great many prefer to start their perennial beds or borders from plants instead of seed, as the plants will often bloom the first year, while with seed, it means a delay of from one to three years before you get a display of flowers. The following list has been selected with care and contains some of the most popular and beautiful plants for the garden. They are field grown and are usually ready to forward about April 1st, if weather is right. But please order early so as to be certain of getting the kind you want.

ACHILLEA,

One of the best flower plants for border. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

AQUILEGIA, Long Spurred Hybrids.

The distinct, clear-cut foliage and delicate arrangement of colors in the flowers make it one of showiest and most desirable, especially for planting at the base of foundation walls, or under trees. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

ASTERS,

Its flowers make a beautiful show after many Fall plants and flowers have been killed by the cold. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

BOLTONIA, Latisquama.

Bushy plants that grow to 5 feet high, covered with dainty aster-like lavender pink flowers. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

COREOPSIS LANCEOLATA.

One of the best for cut flowers; its golden blossoms blooming in profusion from June until frost. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

DELPHINIUM,

A choice strain of Hybrids embracing all shades of blue. Its long showy spikes flower from June until killed by frost. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

DIANTHUS PLUMARIUS, Hardy Garden Pinks.

Their perfect form and rich coloring make them a prime favorite for Summer bouquets. No garden is complete without this fragrant flower. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

DIANTHUS LATIFOLIUS, Atro-Coccineus.

A hybrid Sweet William having a beautiful deep crimson blossom. An all summer bloomer. Suitable for border or bed. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

DIANTHUS BARBATUS, Sweet William.

A fine old garden favorite which perpetuates itself by self sowing. Flowers in June and July. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

DIELYTRA, Bleeding Heart.

The pink and white heart-shaped flowers are borne on long graceful stems, making the plant, with its finely cut foliage very attractive. The plants increase in size from year to year and are beautiful, even when not in bloom. Each 75c; postpaid 90c; 1 doz. \$8.00; postpaid \$8.25.

DIGITALIS, Foxglove.

Furnishes a grand display of thimble-shaped flowers in immense spikes during July and August. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

GAILLARDIA, Grandiflora. Blanket Flower.

Makes one of the most gorgeous displays of flowers of any of the perennials. Center of deep maroon is thickly bordered by petals of orange and yellow, strikingly ringed by circles of crimson, red and maroon. Grows on any kind of soil, and flowers from June until frost. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

GYPSOPHILA, Baby's Breath.

Produces small white flowers on branched stems so thick as to give the plants a lace-like effect. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

HIBISCUS OR MALLOW.

A very robust growing plant, having large flowers of Red, Pink and White shades. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

ICELAND POPPY.

Will bloom from June until frost. The colors are mostly yellow and orange with few white. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

LYCHNIS OR MALTESE CROSS.

Blooms in June and July. One of the best old fashion flowers of today. The color is brick red. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

ORIENTAL POPPY.

One of the most gorgeous of all perennials, producing in June and July enormous blossoms, often 6 inches in diameter, in colors that range from soft blush and rose to flaming scarlet and richest maroon. One plant will often show 10 to 12 blooms. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

PHLOX, named.

Are a favorite in nearly every garden. Do best when planted in masses, producing a blaze of color which stands out strikingly against a background of shrubs or vines. Plants increase in size each year, and blossoms increase in number and size for several years.

Widar, light reddish violet with very large white center, 35c each; 3 for \$1.00 postpaid.

Siebold, orange scarlet with red eye, 30c each; 4 for \$1.00, postpaid.

Miss Lingard, early White with pink eye, 30c each; 4 for \$1.00, postpaid.

Elizabeth Campbell, bright salmon pink with bright red eye, 35c each; 3 for \$1.00, postpaid.

Gefion, lavender, 35c each; 3 for \$1.00 postpaid.

Baron von Ded, soft pink, 35c each; 3 for \$1.00, postpaid.

PHYSALIS FRANCHETTI OR CHINESE LANTERN. Grown for its bright colored seed pods which are used in winter bouquets. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

PYRETHRUM ROSEUM. Hybridum.

A splendid cut flower that blooms profusely on long straight stems, colored in all shades of rose. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

PYRETHRUM, Giant White Daisy.

One of the best September blooming perennials for the Northwest, bearing its large white flowers on 5-foot stems. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

RANUNCULUS, Yellow Bachelor Button.

A showy plant bearing rosettes of double yellow flowers during May and June. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

SCABIOSA CAUCASICA.

A soft shade of lavender blooming from June until September. A splendid cut flower. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

SHASTA DAISY.

One of the most popular perennials. Produces showy flowers of the purest white all summer long. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

STATICE LATIFOLIA, Sea Lavender.

A charming perennial border plant, fine for cutting. Flowers will last throughout the winter when dried. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.

TRITOMA.

A beautiful late flowering plant with reed like foliage. Flowers are of a rich orange scarlet. Each 25c; postpaid 35c; 1 doz. \$2.50; postpaid \$2.75.



Beautiful Gladioli

The Gladioli are the most attractive of summer-flowering bulbs. They bloom just when the garden needs brightening up. Their bright spikes help the perennial border especially, which so often lacks color at mid-summer before its autumn revival. When used

CULTURE: The Gladiolus thrives in a sunny location, protected from wind. It appears to best advantage when planted among Peonies, shrubbery or in masses, or rows bordered with some lower growing plants such as Candytuft or Bachelor's Buttons. These make a pleasing contrast with the Gladioli.

Gladiolus bulbs will grow in any good garden soil, but do much better when the latter has been enriched with well rotted manure. If the bulbs are planted at intervals from April to June the blooming period will extend from July until frost. A trench should be dug five inches deep and an inch of sand placed in the bottom to absorb surplus moisture. Then set the bulb (flat or hollow side down) in the sand.

For earliest blossoms, draw 2 inches of soil over the bulbs at first, replacing the rest when the shoots appear. As the leaves develop, more earth should be drawn up around the base, to furnish support for the stalk. Keep the bed free from weeds and give plenty of water, especially during the blooming period. When the flower buds appear they should be staked.

FOR CUT FLOWER USE. The spike should be cut as soon as the first flower opens on the stalk, preferably before the dew is off in the morning but never in the heat of the day. Cut the stem about 9 inches above the ground and with as little foliage as possible. The foliage is needed for the development of the new bulb. Place the cut flowers in a deep vase, with at least 8 inches of water. Remove the faded blossoms, cut a little off the stem and change the water daily. Treated in this way the buds will open perfectly.

| | Each | Doz. | 100 |
|---------------------------------|--------|--------|--------|
| Baron Hulot, Indigo Blue..... | \$.10 | \$1.00 | \$7.50 |
| Carman Sylva, Pure White..... | .15 | 1.50 | 10.00 |
| Crimson Glow, Crimson | .10 | 1.00 | 7.50 |
| Defiance, Blush White | .20 | 2.00 | 15.00 |
| Diana, Bright Red | .15 | 1.50 | 11.00 |
| Evelyn Kirtland, Pink..... | .10 | 1.00 | 7.00 |
| Golden Measure, Yellow..... | .15 | 1.50 | 11.00 |
| Le Marechal Foch, Bright Pink | .05 | .50 | 3.50 |
| Louise, Lavender with Maroon.. | .15 | 1.50 | 10.00 |
| Mrs. Dr. Norton, White and Pink | .10 | 1.00 | 7.50 |
| Mrs. Frank Pendleton, Pink.... | .10 | 1.00 | 6.50 |
| Pink Wonder, Pink | .10 | 1.00 | 7.00 |
| Pride of Hillegom, Deep Scarlet | .10 | 1.00 | 7.50 |
| Rev. Ewbank, Light Blue..... | .15 | 1.50 | 11.00 |
| Rubini, Salmon Scarlet | .15 | 1.50 | 11.00 |
| Schwaben, Yellow | .10 | 1.00 | 6.50 |
| Vesuvius, Crimson | .15 | 1.50 | 11.00 |
| White Wonder, White | .10 | 1.00 | 7.00 |
| Wilbrink, Flesh Pink | .05 | .50 | 3.50 |
| Mixed Colors, (Reliable) | .05 | .50 | 3.50 |

| | Each | Doz. | |
|--|--------|--------|--|
| Anna Eberius. Deep purple | \$.15 | \$1.50 | |
| Blushing Beauty, Pink, ruffled..... | .25 | 2.50 | |
| Byron L. Smith. Lavender pink on white | .10 | 1.00 | |
| Challenger, Dark velvety red..... | .15 | 1.50 | |
| Crinkles, Deep peach blossom pink.... | .50 | 5.00 | |
| Diener's American Beauty. Throat creamy yellow with ruby stripe..... | .25 | 2.50 | |
| Dr. Elkins, White, throat blotched lilac blue | .25 | 2.50 | |
| Dr. W. Van Fleet, Delicate rose pink.... | .15 | 1.50 | |
| Duchess of York, Beautiful purple blue | .35 | 3.50 | |
| Fern Kyle, Creamy white | .50 | 5.00 | |
| Giant Myrtle, Soft delicate pink..... | .25 | 2.50 | |
| Gold. Pure golden yellow..... | .20 | 2.00 | |
| Henry Ford, Dark rhodamine purple.... | .50 | 5.00 | |
| Hoosier, Salmon rose | .25 | 2.50 | |
| Jacoba Van Beijren, Violet | .25 | 2.50 | |
| Marie Kunderd, A wonderful white.... | .25 | 2.50 | |
| Mary Pickford, Creamy white..... | .10 | 1.00 | |
| Mrs. Frederick C. Peters, Rose lilac | .25 | 2.50 | |
| Mrs. H. E. Bothin, Light geranium pink, scarlet center | .15 | 1.50 | |
| Mrs. John R. Walsh, Flesh pink | .25 | 2.50 | |
| Richard Diener, Pure geranium pink.... | .25 | 2.50 | |
| Rose Ash, Corinthian red | .15 | 1.50 | |
| Searlano, Bright orange-scarlet..... | .10 | 1.00 | |
| Sulphur Glow, Beautiful yellow | .15 | 1.50 | |
| Twilight, Creamy buff, throat yellow and pink | .15 | 1.50 | |
| White Giant, The largest pure white.... | .15 | 1.50 | |

Primulinus Grandiflora

| | Each | Dozen | |
|--|--------|--------|--|
| Alma Gluck, Brilliant peach red..... | \$. 20 | \$2.00 | |
| Butterboy, Buttercup yellow | .15 | 1.50 | |
| Jewell, Salmon pink, yellow throat.... | .15 | 1.50 | |
| Maiden's Blush, A beautiful pink..... | .10 | 1.00 | |
| Myra, Salmon Yellow | .10 | 1.00 | |

Postage extra. 1 doz. 10c; 5c for each additional dozen.

in the rose bed their season follows that of June roses. Gladioli are highly ornamental whether growing among shrubs or in garden rows. If they are cut as the first bud expands they last a week or ten days in the house and every bud opens perfectly.

We advise our customers to plant Gladioli in masses since they are always most effective when grown in groups of twenty-five or fifty bulbs of a kind or color, either in the perennial or shrubbery border.

See Special
Gladioli Offer
on Inside
Front Cover
Page



Gladiolus

| | Each | Dozen |
|--|--------|--------|
| Ming Toy, Deep buff yellow throat..... | \$. 15 | \$1.50 |
| Orange Queen, Copper orange..... | .35 | 3.50 |
| Salmon Beauty, Orange Salmon..... | .10 | 1.00 |
| Sonia, Beautiful bright red | .15 | 1.50 |
| Souvenir, Pure golden yellow..... | .15 | 1.50 |

PEONIES—For Spring Planting.

The Peony is a native of Siberia which undoubtedly accounts for its great vigor and hardiness. The ideal flower for the great Northwest since it endures the most intense cold without injury. During recent years it has been so vastly improved that now large acreages are devoted to growing cut flowers for market, so beautiful and highly prized are the blossoms.

Conditions of the soil, location and cultivation are important factors in growing Peonies. Peonies may be planted in the Spring during the month of April and the early part of May, or in September. Work the soil thoroughly to a depth of 8 or 10 inches, applying at the same time a generous amount of well rotted barn yard manure or commercial fertilizer, mixed well into the soil. Plant root in this prepared soil so that the crown will be about 2 inches below the surface. Press the soil firmly around the roots with the fingers so that all parts of the root will come in direct contact with the soil.

Peonies should not be planted any closer than 3 feet apart and should not be close to trees as the roots of the trees take from the soil the nourishing elements that are needed by the Peonies. Peonies do best in a sunny location.

The following selected varieties we offer for Spring delivery at very attractive prices, postpaid. Large 3 to 5 eye divisions.

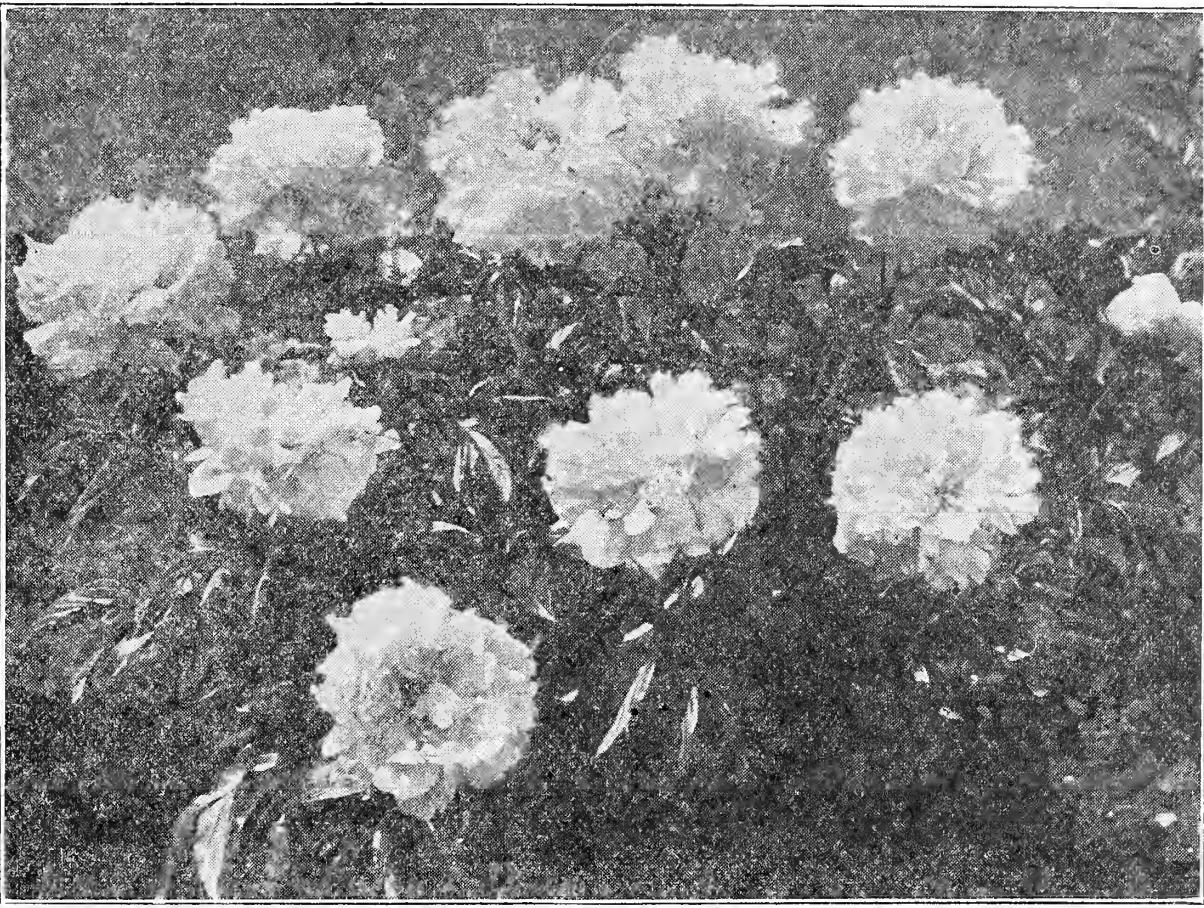
WHITES

Couronne d'Or, milk white color, with ring of yellow stamens around a tuft of center petals, tipped carmine. Very fragrant, and a splendid bloomer. Flowers late. One of the best of whites. Each, 75c.

Duchess de Nemours, early crown type, a splendid cup-shaped sulphur white, gradually changing to a pure white. Each, 75c.

Festiva Maxima, extra large, globular, rose-type. Pure white with bright carmine flakes on edges of center petals. Flowers abundantly early. Each 75c.

Unnamed White. Each, 40c.



Peonies—As Beautiful as the Rose.

Reds

Each

| | |
|--|--------|
| Ben Franklin , a very free grower of dark crimson-maroon flowers of the semi-rose type. | |
| Blooms early | \$1.00 |
| Felix Crousse , large, globular, fragrant, and brilliant red blooms. One of the best of reds. | |
| Medium season | 1.00 |
| Karl Rosenfield , a very brilliant and striking variety of dark crimson. Globular, compact, semi-rose type, and very large. A splendid keeper as cut flower. Blooms mid-season.... | 1.50 |
| Lora Dexheimer , a splendid peony of intense flaming crimson shading darker at base of petals. Cylinder shaped and semi-rose type. Cf immense size. Blooms early. A beauty.... | 3.00 |
| Mary Brand , a wonderful crimson variety with a silky brightness. Flowers are very large, semi-rose, and with golden stamens scattered through the center of fringed petals. Flowers mid-season | 2.00 |
| Officinalis Rubra , the earliest of all good red peonies, generally in bloom on Memorial day.. | 1.00 |
| Unnamed Red | .50 |

Pinks

Each

| | |
|--|--------|
| Engenie Vierdier , has a great wealth of blending colors. Opens a delicate hydrangea pink, with primary petals lighter, center flushed crimson. A flat semi-rose type and free bloomer of fragrant flowers in mid-season..... | \$1.00 |
| Grandiflora . (Richardson) rose-type, blooms of shell pink color fading to white. Very late and a strong grower | 1.00 |
| Mons. Jules Elie , immense, globular, glossy flesh pink, shading to deeper rose at base, silvery reflex enveloping the whole bloom. A beautiful peony that flowers early, keeps long..... | 1.50 |
| Sarah Bernhardt , of a semi-rose type, blooming in late mid-season. Guard petals are apple blossom-pink, with center salmon colored. Very fragrant and a free bloomer. A rare beauty | 2.50 |
| Unnamed Pink | .40 |

Cannas

Cannas are deserving of a considerable amount of attention as a beautifier of home grounds and public parks.

The Cannas thrive under almost any conditions and if given a little care and attention, will produce an abundance of attractive foliage as well as large spikes of beautiful flowers of unusually bright colors.

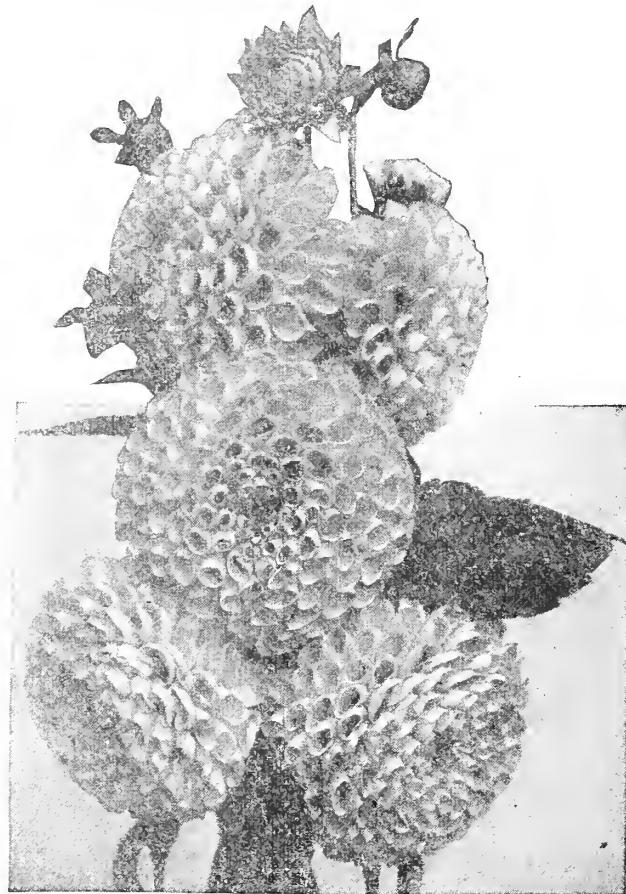
| | Postpaid | Each | Doz. |
|--|----------|--------|------|
| Eureka , white, green foliage, 4½ feet.. | \$.15 | \$1.50 | |
| Firebird , bright red, green foliage, 5 feet | .15 | 1.50 | |
| Florence Vaughn , yellow, green foliage, 5 feet | .10 | 1.00 | |
| Hungaria , rose pink, green foliage, 3 to 3½ feet | .15 | 1.50 | |
| King Humbert , orange scarlet, bronze foliage, 4 feet | .10 | 1.00 | |
| Mrs. Alfred Conard , light salmon pink, green foliage, 4 feet | .15 | 1.50 | |

Cannas make the best showing when planted in beds by themselves. The soil should be well fertilized and worked up thoroughly to a depth of 10 to 12 inches. The bulbs can be set about 12 inches apart and about 4 to 6 inches deep. Mulching with lawn cuttings will help retain the moisture.

| | Postpaid | Each | Doz. |
|--|----------|--------|------|
| Statue of Liberty , brilliant red, rich bronze foliage, 7 feet | \$.15 | \$1.50 | |
| Susquehanna , clear old rose pink, light bronze foliage, 3½ feet..... | .20 | 2.00 | |
| The President , scarlet, green foliage, 5 feet | .15 | 1.50 | |
| Wyoming , deep orange, deep bronze foliage, 6 feet | .10 | 1.00 | |
| Yellow King Humbert , green foliage, 4 feet | .15 | 1.50 | |



The Dahlia is a wonderful flower and rivals in popularity any other flower in existence. We offer strong, field grown roots which under favorable conditions will thrive and flourish.



Dahlia.

The Iris is becoming more popular every year and is taking a prominent place in the flower garden, in the hedge or along the walk or drive. The Iris is very hardy, blooms in May or June, earlier than the Peony; is reasonable in price and multiplies very fast.

Iris should be planted in a sunny location and may be planted in groups or singly. While similar to the Old Flag its nature is far different and will stand our hot dry summers while other flowers and shrubs suffer for the want of moisture. The Iris should be planted in a well drained location as too much incisture, especially in hot weather, will cause the roots to decay. Iris may be planted at any time of the year except when they are in bloom or when the ground is frozen, although the best time for planting is in the months of July and August.

There are hundreds of varieties of Iris, but we are offering but a few of the most popular, at reasonable prices for either spring delivery, or orders will be accepted for July or August delivery. The roots or rhizomes are larger in July or August than in the spring.

Flavesceens or Canary Bird. 30 inches. Standards cream color. Falls a delicate canary yellow. A fine flower for cutting. Very fragrant. A strong grower. Healthy and robust. Each, 25c; 3 for 60c.

Gertrude. 34 inches. Standards and Falls a deep lavender blue. Very large. Early and excellent for cut flowers for the house. Each, 25c; 3 for 60c.

Golden Plume. Standards rich golden yellow. Falls chestnut brown with yellow beard. The plant is very hardy in this climate and when in bloom the blooms are all about the same height. Makes a splendid hedge or border plant. Each, 25c; 3 for 60c.

Her Majesty. 32 inches. Late. Standards lovely soft rose pink. Falls deep shade dark red crimson. The general color effect is pink and a very beautiful variety. Each, 25c; 3 for 60c.

Dahlia

LOCATION. The Dahlia is not as particular as most other flowers, and will succeed under a great many adverse conditions. There are, however, certain locations where Dahlias seem to outdo themselves. An open, sunny location seems to favor them at all times. Dahlias do well on high and low land, on hillsides or perfectly level land, giving good results in each location.

TIME OF PLANTING. The time for planting Dahlias varies according to the locality; whether your spot is sheltered or open, early or lateness of the season, and the times when the general crop of flower is desired. Dahlias can be planted any time after danger of frost is over, and under ordinary conditions will blossom in from 6 to 8 weeks after they have been planted. It is always best to wait until the ground becomes thoroughly warmed.

PLANTING. Plant bulb 6 inches deep, flat down, having sprout or eye facing upward; cover with about two inches of soil. When sprouts are 6 inches high add more soil, making it level with surface.

CULTIVATION. Cultivation is the principal requirement of the Dahlia—the most important of all operations to insure success. Keep the soil well cultivated and free from weeds; never allow the soil to crust.

| | Postpaid | |
|--|----------|--------|
| | Each | Doz. |
| A. D. Livoni (show) soft pink..... | \$0.25 | \$2.50 |
| Dracut Purple (dec) royal purple..... | .25 | 2.50 |
| Golden Gate (hy. cac) gold overlaid pale bronze, very large | .35 | 3.50 |
| Hochsai (dec.) clear orange with shaded center.... | .35 | 3.50 |
| King of Autumn (dec.) buff yellow suffused with terra cotta | 1.00 | 10.00 |
| King of Commerce (dec.) best of orange with strong stem | .75 | 7.50 |
| Maude Adams (show) snow white overlaid pink.. | .25 | 2.50 |
| Mrs. Hartong (dec.) deep orange tipped pink..... | .25 | 2.50 |
| Oregon Beauty (peony) bright oriental red..... | .50 | 5.00 |
| Princess Juliana (dec.) pure white..... | .40 | 4.00 |
| Purple Manitou (dec.) large, clear purple..... | .25 | 2.50 |
| Storm King (show) beautiful large white..... | .25 | 2.50 |
| Sylvia (dec.) deep pink to flesh pink..... | .20 | 2.00 |
| Unnamed Reds , large clumps | .15 | 1.50 |
| Unnamed Mixed , large clumps..... | .15 | 1.50 |

German Iris



Iris are very showy in the border.

Madam Chereau. Very tall. Standards and Falls pure white. Daintily bordered with clear blue, a very distinct and delicate color. One of the very best of the frilled varieties. Each, 25c; 3 for 60c.

Mrs. H. Darwin. 28 inches. Standards pure white. Falls satiny white slightly veined. One of the best whites. A very free bloomer and lovely. Each, 25c; 3 for 60c.

Perfection. 30 inches. Standards light blue. Falls rich velvety lavender. A very conspicuous flower. A fine Iris with a wonderful amount of blooms to the stalk. Each, 25c; 3 for 60c.

Rhein Nine. Standards pure white and very large. Falls violet blue with narrow white edge. A splendid grower. One of the finest of German Iris for its striking appearance. Each, 30c; 3 for 60c.

Siberian Blue. *Orientalis*. A small violet blue flower on tall stems with narrow foliage. Very fine for cutting. Each, 20c; 3 for 50c.

(Prices listed above are postpaid.)

FIELD SEEDS

Owing to the uncertainty of prices at the time of printing this catalogue, no prices are quoted on Field Seeds in this book but will be given on Red Figure Spring Price Lists issued during the season. The first one is enclosed with Catalogue.

ALFALFA

Selection of Alfalfa Seed is Most Important

Poor seed is a primary and great cause of a poor stand. In buying Alfalfa Seed the highest priced seed is often the cheapest. The loss is much greater in using seed of poor quality, than the difference in cost of the seed. This loss comes from the labor thrown away, the stands lost and yields sacrificed by its use, as well as the final expense in getting rid of the weed seeds introduced.

If seed germinates poorly, one must either plant more seed or expect a thin stand. Small, shrunken seed will not produce vigorous plants. Weedy seed means the introduction into the field of plantain, dodder, thistle, mustard or some other pest, ready to take advantage of the fine fertile soil and undo the work of two years' preparation.

Inoculation is necessary. Inoculation means putting or planting in the soil, nitrogen-fixing germs or bacteria without which the Alfalfa cannot flourish. Where Sweet Clover grows wild, in the field or along

the road-side, artificial inoculation for Alfalfa may not be necessary as the same germ grows on the Sweet Clover as on Alfalfa and natural inoculation takes place. But there is no other plant which commonly grows wild in the North that can support the same germs as the Alfalfa. All the legumes including clover, peas and beans bear bacteria but a special kind lives on each plant. These germs on the Alfalfa roots form nodules from the size of a pin head to a pea. Each nodule contains a colony of germs which keep taking nitrogen out of the air and forming nitrates. From nitrates the plant roots draw their nitrogen, since the plants cannot use nitrogen direct from the air except to a very limited extent. Thus the germs on the roots prepare plant food. There are several methods of inoculating Alfalfa seed but we recommend the use of Nitrogen as described on this page.

Gould's Reliable Grimm Alfalfa

Grimm is undoubtedly the variety best adapted to our Northwestern climate. Grimm Alfalfa has the hardiness to withstand our northern winters, and is recommended by leading authorities and experiment stations as being the one to plant. We know of Grimm Alfalfa fields that have been seeded ten and fifteen years ago that are still producing three good crops each year. Although the cost of the seed is generally much higher than that of ordinary alfalfa, we consider it the cheapest in the end. See our Red Figure price list for prices.

Inoculate

Alfalfa, Sweet Clover, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans — All Legumes with

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REGD. DEC. 6, 1898. NO. 37212.

Restores and Maintains Soil Fertility

The Original Soil Inoculator

Raise legumes—grow alfalfa, clovers, soys, vetch, peas and beans—they are valuable feed crops—but be sure to inoculate them. All Agricultural Colleges advise this. Inoculated legumes draw their nitrogen from the air—not from the soil. They are soil builders, not soil robbers. Inoculation will produce more vigor and vitality, increasing the yield, quality, and add fertility to the soil.



Sold in tins packed in a rich, soil-like granular medium, easy to mix with seed. Contents always fresh and bacteria active and vigorous.

The Original Soil Inoculator—Registered in the U. S. Dec. 6, 1898—over 28 years ago.

Alfalfa, Clovers, Peas, Beans, Soys, Cowpeas

| | | |
|----------------------------|--------|--------------------------------------|
| 1/4 bushel, size..... | \$.40 | Prices Reduced on Soy Beans, Cowpeas |
| 1/2 bushel, size..... | .60 | |
| 1 bushel, size..... | 1.00 | 1/2 bushel, size..... \$.40 |
| 5 bushel, size..... | 4.75 | 1 bushel, size..... .70 |
| Always state kind of seed. | | 5 bushel, size..... 2.50 |

Nitragin for Garden Uses

Every garden needs Nitragin; garden size is for Peas, Sweet Peas, and Beans including Lima (3 in one Inoculant). Price..... 20 cents

IMPORTANT

PROTECT YOURSELF: Don't buy legume cultures without a date on labels. Date, same year seed is sown. They may be several seasons old and worthless. Agricultural Colleges recommend this protection. Every NITRAGIN label is dated.

CLOVER SEED

Medium Red Clover

This is the recognized standard of the clover family. It produces two crops each year. The first is generally harvested for hay when in full bloom. The second crop may be harvested for seed, cut for hay, or plowed under for fertilizer. Refer to Special List for prices.

Alsike or Swedish Clover

One of the hardiest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick under-growth and greatly increases the yield. It is frequently sown both with Medium Red Clover and with Timothy, and the quality of hay thus produced is excellent. It is fine stemmed and leafy and quickly cured. It makes a very profitable seed crop in many sections of the Northwest. Sow 8 to 10 lbs. per acre. See Special price list for prices.

Mammoth Red Clover

This variety is grown mostly for pasture and for soiling. It is a very vigorous grower, but is not desirable for hay unless cut when quite young. Prices quoted on Special price list.

White or Dutch Clover

A low close growing clover, with round white heads. Very fragrant and desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil. Prices given on Special List.



SWEET CLOVER

White Blossom Sweet Clover

This variety is most generally referred to when sweet clover is mentioned. It lives for two years only, but will reseed itself if allowed to mature. Sweet clover will grow well on most any kind of soil, and will improve the soil for future crops. See Red Figure price list for prices.

Yellow Blossom Sweet Clover

Is of the same family as the White Blossom Sweet Clover, but is not so prolific in growth. It is about ten days earlier. Refer to Red Figure list for prices.

GRASSES

Kentucky Blue Grass

Will outlive any other grasses for pasture or lawn, but should not be cut or pastured too closely in extremely hot, dry weather. The seed is very slow in germinating, therefore, it is advisable to plant with other varieties of quicker growing habits. Makes a sweet and nutritious pasture for all stock. See Red Figure list for prices.

Perennial Rye Grass

Is a very quick growing grass and for that reason makes an excellent pasture. It thrives on rich, moist land, where from three to four cuttings may be made in a season. Grows very quickly and will stand close pasturage. See Red Figure price list for prices.

Red Top

As a hay crop Red Top is next to Timothy in importance. It will do the best on rather moist soil, but will thrive on most any soil. It is a good variety to sow with Timothy or Clover for meadow or pasture, and is more permanent than either of the other two. Prices quoted on Red Figure price list.

Meadow Fescue

Especially suited for pasture and is also fine for hay. Succeeds even in poor soil and will endure severe freezing. The hay is very nutritious and cattle thrive on it whether it is dry or green. Prices quoted on Red Figure price list.

Orchard Grass

Is an early fibrous rooted perennial. Its rapid growth makes it very desirable for pasture. Withstands droughts better than most grasses. Will thrive in the shade such as in orchards and lanes. When closely cropped it grows up quickly, and is ready for grazing again in 10 to 12 days. See Red Figure list for prices.

Bromus Inermis

This is a grass that has no equal for hardiness and drought resistance. It will grow in any kind of soil and in any kind of weather. Produces an abundant hay crop, and makes an excellent pasture. Brome Grass thickens up rapidly by underground roots or stems. A thin stand thus improves quickly. It forms a dense sod six to eight inches thick, thus binding the soil together and preventing it from being wind blown. For prices see Red Figure price list.

SUDAN GRASS

Sudan Grass belongs to the Sorghum family. It is an annual, lacking underground root stalks. Two cuttings can be obtained under favorable conditions, and may yield from 2 to 5 tons of cured hay per acre. It should be seeded about corn planting time. If for hay, sow about 25 to 30 pounds to the acre broadcast. Cut just before it comes to a head. If wanted for silage, sow about 10 pounds to the acre in rows and cultivate the same as corn, or it may be sown with fodder corn if preferred. Sudan, if cultivated, will grow to a height of 8 or 10 feet. See Red Figure price list for latest quotations.

SUNFLOWER, MAMMOTH RUSSIAN

Are especially useful in the poultry run, as the large leaves furnish shade for young chicks, also the seeds make a good addition to the poultry ration. Prices given on Red Figure price list.

TIMOTHY

The principal thing to look at when about to sow Timothy, is the quality of the seed. Our reliable seed is tested, and is of superior quality. Ten pounds of good Timothy seed is sufficient for one acre making an inexpensive crop to seed. Prices given on Red Figure price list.

Timothy and Alsike Mixed

For those who prefer to sow Alsike Clover and Timothy together, we have a mixture that has the right proportions for growing a splendid hay crop. See Red Figure list for prices.



Sorghum—See Next Page

GOULD'S ANNUAL PASTURE MIXTURE

Is a mixture of quick growing grains and forage plants, the majority of which will grow again as fast as they are fed down. Makes an elegant pasture for hogs, sheep or cattle. If planted about May 20th to June 1st, it will be in the best of condition when the hot dry weather reduces the other pastures. See Red Figure list for prices.

SORGHUM

As a soiling crop, sorghum will always prove of great value, since at least two crops can be obtained

from one sowing. Milch cows are exceptionally fond of sorghum. It is excellent for milk production and a given area furnishes a large quantity of succulent food. An acre of sorghum yielding 15 tons of green forage would feed 50 head of stock for 10 days. It should be fed sparingly at first to avoid bloat. As a fodder crop it furnishes an enormous amount of feed. Sorghum outyields fodder corn, producing a richer and more nutritious feed of greater value. Thus it will be seen that utilized as a pasture, as a soiling and fodder crop, it may be made to furnish feed nearly the whole year round.

Minnesota Sorghum

This is the earliest and best for growing in Minnesota. It is of the best quality for syrup, and should be grown more extensively for that purpose. The cost of raising sorghum is small compared to the large returns. **Latest prices quoted on Red Figure price list.**

Southern Amber Cane

Is very desirable if grown for fodder; but is not suitable for making syrup when grown in the North. It yields much heavier than the Minnesota Sorghum, but will not mature so quickly. It is fine for cutting in silos with other ensilage. Also makes a good pasture for hogs, sheep or cattle. All kinds of stock eat it readily. **Prices given on Red Figure list.**

FIELD CORN

Seed corn is without a doubt the most particular seed crop to be handled of any farm seeds. And it is very important that it receive the care and attention that it should have. The selection of good seed corn is not a matter of picking a few large ears of corn, placing them in a corner of the barn or granary and leaving it there until seeding time. Then later stand the disappointment when only $\frac{1}{4}$ of your corn grows. The cost of seed is a very small item when you consider that from 5 to 8 acres may be planted from one bushel of seed. Even should good seed corn cost \$10.00 per bushel, the cost per acre would be less than \$1.50. Should a man take a chance on planting inferior seed corn and be obliged to re-plant a second time, his labor would be worth more than the original cost of Reliable seed corn.

Our seed corn is grown by men who have made a specialty of growing seed corn for more than 20 years and even though it may cost more than the average corn offered for seed we do not hesitate to state that it is well worth the difference in the price.

This year especially, we feel that we must be more particular than usual in the selection of corn for seed owing to the very unfavorable weather conditions which prevailed during the fall months.

Although the corn was fairly well matured, it still held an excessive amount of moisture when the heavy frosts during the month of October froze the life out entirely from most corn that was not protected.

DENT VARIETIES

Gould's Reliable Yellow Dent

Is considered to be the best and the safest corn to insure a good well matured crop.

Gould's Reliable Yellow Dent is an improved strain of Minnesota No. 13, having been selected for several years before it was offered for sale, with the result that it is larger and earlier than the Minnesota No. 13. **Prices are given on Red Figure list.**

Wisconsin No. 25

An extra early Yellow Dent corn resembling the Minn. No. 13. The stocks are about 8 to 12 inches shorter; the ears are produced nearer to the ground, and mature about 10 days earlier than Minn. No. 13. The Wisconsin No. 25 has become a great favorite. The last season's reports were very promising. **See Red Figure List for prices.**

Minnesota No. 13

Is so well known that it is unnecessary to devote any space to its description. It is the standard Yellow Dent for Minnesota, produces a nice uniform ear of fairly good size, and maturing about Sept. 1st. **See Red Figure List for Prices.**

Golden Glow or Wisconsin No. 12

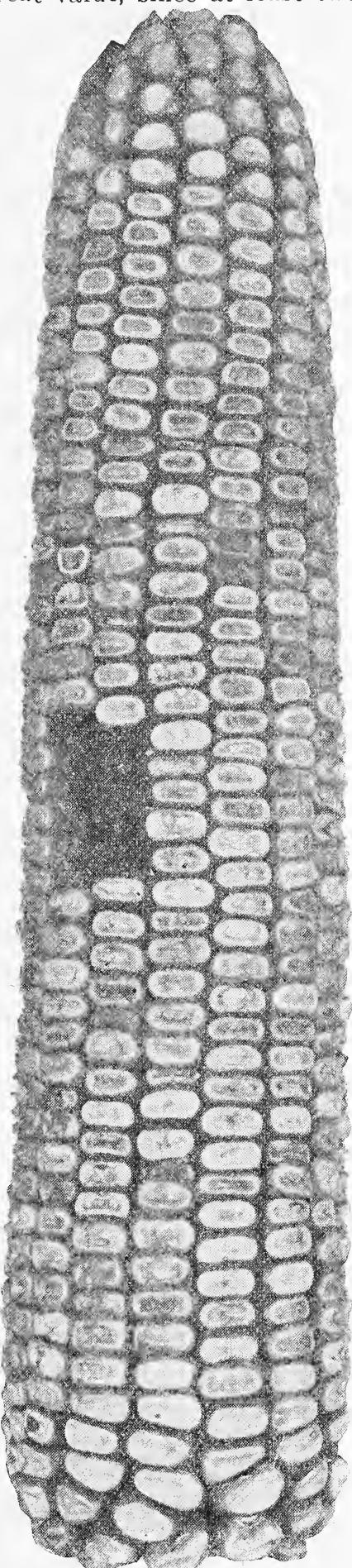
Produces a large well shaped ear containing from 16 to 20 rows of deep yellow kernels. Matures about September 10th. **Please refer to Red Figure list for prices.**

Silver King or Wisconsin No. 7

A semi-rough white dent having 12 to 16 rows of deep kernels. The ears are of medium size, well filled and mature early. **Latest quotations are given on Red Figure price list.**

Northwestern or Smoky Dent

The earliest Dent corn for the Northwest. This corn is in a class by itself, having red kernels with a yellowish cap, being a cross between the red flint and a yellow dent. It has inherited the earliness of the flint, and the size of the dent corn. Even though there are some objections to the color, its earliness, productiveness and high feeding value, have made it very popular in many of our Northern States and Canada. **Refer to Red Figure price list for prices.**



Gould's Reliable Yellow Dent Corn

Rustler's White Dent

This early White Dent corn is one of the best for early ripening in any of our Northern States. The ears are large, having from 14 to 18 rows of well shaped deep kernels. The average height of the stalks is 8 feet. **See Red Figure price list for latest quotations.**



FIELD CORN—Continued

FLINT VARIETIES

King Philip

Is an extra early red Flint corn that is extremely hardy. Ears average about 10 inches in length. One of the best and most reliable early sorts. Refer to Red Figure price list for prices.

N. K. & Co.'s Triumph Flint

Was introduced in 1899 by Northrup King & Co. of Minneapolis, as the largest eared and most productive of all early Flint varieties. It matures in from 90 to 100 days from date of planting. The ears average about 11 inches, and are 12 to 16 rowed. The stalks are tall and leafy generally producing two ears to the stock. See Red Figure price list for prices.

Longfellow Flint or Canada Flint

It's a very early 8-rowed Yellow Flint. The stalks grow about 7 ft. high with ears about 11 inches long. This corn is adapted to the Northwest, and is a very heavy yielder. Prices are given on Red Figure price list.

FODDER CORN

Many stock raisers are growing Early Dent Corn as it gives a large proportion of fairly well matured ears, producing a very nutritious feed.

Early Yellow Dent Fodder Corn

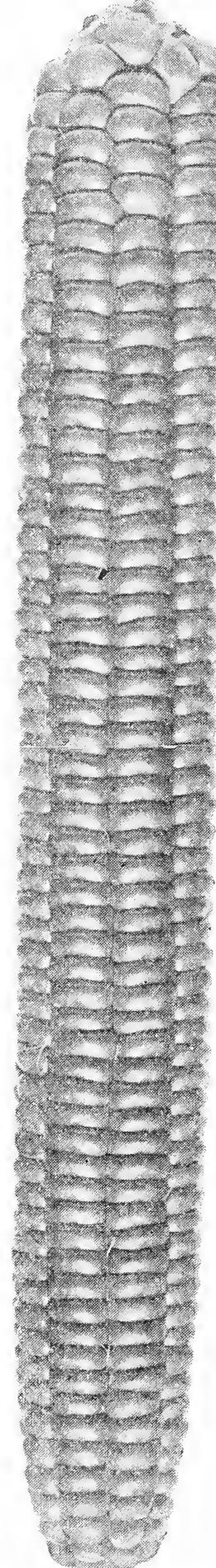
When sown thickly in drills, at the rate of one to one and a half bushels to the acre, this seed will give a surprising amount of rich feed, relished by all stock. It can be cut and run through an ensilage cutter for the silo just before maturity or it may be fed in the rack. See Red Figure price list for prices.

Gould's Reliable Red Cob Fodder

Is a tall growing southern corn that will produce an abundance of feed per acre. The kernel is white and grows on a red cob, thus deriving its name. Prices given on Red Figure price list.

N. K. & Co.'s Elephant Fodder

Of the yellow dent type, but grows taller and more leafy than the average yellow dent corn, therefor producing a very heavy yield. See Red Figure price list for prices.



Longfellow Flint Corn

Gould's Southern Giant Fodder Corn

This is a very tall growing leafy variety of southern white corn. A very heavy yielder, often producing from 10 to 25 tons of green feed per acre.

We recommend sowing this corn very thick in order to prevent stocks from becoming too large and coarse. From one to two bushels per acre in drills may be sown with very good results. Refer to Red Figure list for price.

POP CORN

ITS PROFITABLE USES

It yields of shocked Corn of the very best feeding value at the rate of 8 to 10 tons an acre.

The small ears which mature early, are very valuable for pigs, calves and young stock generally, especially during the Fall and Winter months.

The yield of ear Corn to the acre is quite equal to any of the larger and later varieties, as it can be planted much more closely than the larger varieties of Corn.

Pop corn brings a very much higher price either shelled or on the ear than any other Corn and usually a ready market is easily found for any quantity, while in event of an inactive market, it can always be fed. A farmer cannot raise better feed.

Boys and girls can grow an acre or two of Pop corn and dispose of the product to their neighbors or to the merchant. There is usually a demand for this article and in this way considerable money can easily be earned. Why not plow up an acre or two and turn it over to the children? It will afford them pleasure and profit.

Plant at the rate of 4 to 6 quarts to the acre. We have a very choice lot of this Pop corn carefully chosen and tested for seed purposes.

Black Beauty

A very early variety of a blue-black color. The kernels are large and smooth, popping to a very large size, and becoming very crisp and tender. Refer to Red Figure price list for prices.

White Rice

This is the most popular of the pop corn family. The kernels are white and pointed, popping to a pure snow white. See Red Figure list for prices.

Japanese Dwarf Rice

Very tender and almost hulless. Ears are short and chunky. Although the kernels are very small they pop to a large size, being very tender and brittle. Prices quoted on Red Figure price list.

BARLEY

Gould's Improved White Hulless Barley

Is not a malting variety, but is recognized as the best for feeding. It is earlier than other varieties and produces more to the acre. The kernels are long and plump, having some resemblance to macaroni wheat. It is highly recommended by all who have tried it. We advise ordering early as we have never been able to obtain enough seed to supply the demand. Prices are given on Red Figure price list.

Manshury Barley

Is early and very vigorous in growth. It has a strong, stiff straw which very seldom lodges. The heads are long and well filled with grain of fine quality and color. It yields abundantly. For prices see our Red Figure price list.

Oderbrucker or Wisconsin No. 55 Barley

A stiff-strawed, heavy yielding, six-row bearded variety. Of very good quality. It matures at about the same time as Manshury, but produces a plumper and heavier kernel. Those desiring to obtain seed to replace run out varieties will do well to purchase at least one or more bags of Oderbrucker. See Red Figure list for prices.

Gopher Oats

Yields over 100 bushel per acre with farmers in Minnesota eager to pay a premium for seed stock because of its early maturing qualities, its stiff straw, and heavy yielding ability. Gopher Oats is having a brisk demand for seed in other states, and several orders from foreign countries, that, briefly is the story of Gopher Oats, a new development of the plant breeders of the University of Minnesota Experiment Station, as told by W. W. Tompkins in The Gopher Countryman of June, 1925.

Gopher Oats in Alaska

The new Gopher Oats, which was originated by plant breeders of the Minnesota Experiment Station at University Farm, St. Paul, are making good in agricultural districts in Alaska. Samples of these oats have been received by farm crops men of the University of Minnesota from Frank Watson of Palmer, Alaska, who grew them this season (1925) and writes as follows: "I am highly pleased with these oats so far. We had an especially cold, rainy and windy fall, but they stood up perfectly and matured in good time, making a crop when other varieties failed to mature. I have not threshed them yet, but am sure they will give a good yield."

(From the Seed World)

The Gopher Oats is of the 60-day type but it produces a heavy white kernel upon a good stiff straw, which will stand up well even on rich soil. The records of experimental plots on Gopher Oats from 1921 to 1925 show increased yields over all other varieties of from 10 to 25%. See Special List for latest prices.

Gould's Selected Swedish Oats

These oats we do not hesitate to place among the best for our Northern climate. It is a heavy yielder of large, plump, white kernels. The straw grows quite tall, and does well on medium or light soil. Its habit of growth is so vigorous that on heavy soil it is likely to lodge. Our seed this year will be of the usual high standard. See Red Figure list for prices.

Sixty-Day Oats

Is recognized as being the quickest maturing oats on the market. It is a good yielder and a sure cropper, being very often sown after other crops have failed. It is a small yellowish oat that weighs about 34 pounds to the bushel; the hull is very thin. It is so early that it may be harvested with barley, and is three weeks ahead of most other sorts. See Red Figure price list.

N. K. & Co.'s Lincoln Oats

Is another oat that has given very splendid results. Owing to its strong stiff straw it very seldom lodges and may be raised with marked success in very rich soil. The hull is very thin and has a heavy meat. The color is a bright clean white. N. K. & Co.'s Lincoln Oats are grown in the Northwest and are well acclimated to the extreme weather conditions which exist here in spring and summer. Oats that will grow and thrive and produce big yields in the Northwest will do well anywhere and under nearly all conditions. Matures between the small early, and the late varieties. Refer to Red Figure list for prices.

Silver Mine Oats

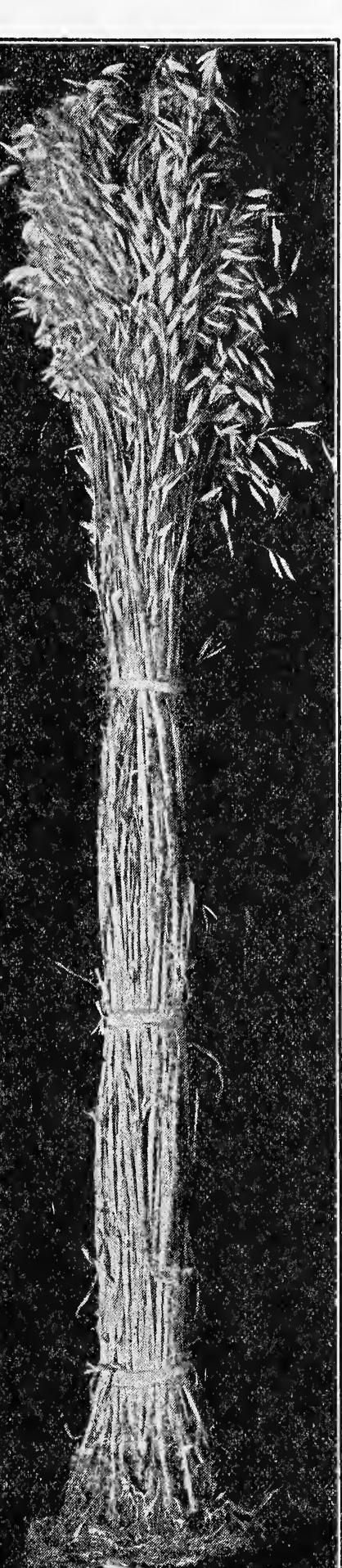
This variety is too well known to need an extended description. It is a heavy yielder, has a large, strong, white straw and a large grain with medium thin hulls. This variety is in big demand by those who supply manufacturers oats for making Rolled Oats. Prices are given on Red Figure price list.

WHEAT**Marquis Wheat**

EARLINESS. Marquis Wheat is from one week to ten days earlier than Red Fife and this fact alone should induce many of our customers to grow it this Spring. Farmers everywhere appreciate earliness and what it means to the Wheat grower at a time when rust, smut, drought or hot winds may take his crop at any time. This week or ten days may save his entire crop from loss.

PRODUCTIVENESS. Marquis Wheat has out-yielded all other Spring Wheats grown under the same conditions of soil, cultivation and climate. The increased yield varies from 5 to 10 bushels per acre. Threshing reports from the three, big, hard Spring Wheat states this past season indicate the same favorable increase in yield of Marquis over other varieties, as has been the case every year since Marquis was introduced.

APPEARANCE. Marquis Wheat is similar in appearance to Red Fife, but the heads, as a rule, are heavier and the straw shorter, making it less likely to lodge. The kernel is flinty, a little darker in color than Red Fife, being dark red, and more plump than that variety. It is beardless, having smooth, yellow chaff. Under certain climatic conditions a small percentage of the heads sometimes show a reversion to the Hard Calcutta parent by bearing beards. Otherwise these heads are identical with the bald heads, maturing at the same time and containing the same size and shape of kernel. It weighs from 64 to 66 pounds to the measured bushel. For latest price see Red Figure price list.



N. K. & Co.'s Lincoln Oats

Macaroni or Durum Wheat

Is recognized as being the wheat that will produce a crop even in the hot dry regions of the country, where other varieties would be almost a total failure. It is a bearded variety, and produces under ordinary conditions a large glossy, yellowish kernel of beautiful appearance. See Red Figure price list for latest quotations.

Turkey Red Winter Wheat

A standard red, bearded wheat. Has very strong straw and is a heavy cropper. Without question the best type of bearded winter wheat. Prices given on Red Figure price list.



MILLET

Millet is grown almost exclusively in these northern states for hay only, and we find that southern grown millet seed will produce a much heavier crop of finer hay than that grown from northern seed. We therefore offer none but true southern grown seed in any of our millets.

German Millet

This variety is the most in demand of all millets. It should be cut when in full bloom, at which time it is most tender and sweet. When fed to dairy cows, it produces a larger amount of milk. Grows to a height of four to five feet on rich soil. Sow about three-fourths of a bushel to the acre. See Red Figure list for prices.

Hungarian Millet

Is favored by some on account of its rapid growth, maturing about a week or ten days earlier than German Millet. Makes excellent hay, growing from two to four feet high. Prices listed on Red Figure price list.

Japanese Millet

This is entirely distinct from any other millet. It grows from five to nine feet in height, and produces enormous crops of fine hay. If sown broadcast, fifteen to twenty pounds may be sown to the acre. It will however produce better results if sown in drills at the rate of ten pounds per acre and cultivated while small. It does best on low, moist ground. Refer to Red Figure list for prices.

Siberian Millet

Earlier than either German Millet or Hungarian. Very valuable for the North and yields remarkably. It is extremely hardy, withstanding drought wonderfully. The leaves are very tender, making it excellent for hay. The plant stools to a remarkable degree, as many as thirty to forty stalks, have been grown from one seed, and is not subject to rust. For prices see Red Figure price list.

FLAX

Flax can be sown only about once in six or seven years on the same ground. It is a splendid crop to grow on new breaking, for it not only produces a good paying crop but it also helps to prepare the soil for future crops, leaving ground in a nice mellow condition. Before sowing, it is especially important to have the ground well firmed. Also be sure that there are no open spaces in the bottom of the furrows, as these are likely to cause the roots to rot. Sow 25 to 30 pounds to the acre, as early as possible and yet avoid the last killing spring frost. For prices see Red Figure price list.

Primost or Minnesota No. 25 Flax

Is considered one of the best and surest croppers, and will resist wilt to a great extent. Supply of seed is very limited. Order early. Prices quoted on Red Figure price list.

Common Flax

Is used to a great extent on entirely new soil with very good results. We take special care of securing seed that is entirely free from foul seeds. See Red Figure list for prices.

RYE

Spring Rye

Makes an excellent crop for sowing where winter grain has been killed off or for soiling. It can also be grown for a grain crop by being seeded early in the spring and harvested in the same season, like wheat or oats. Does not grow quite so large a straw as winter rye, but usually yields well. Sow about 1½ bushels to the acre. Latest prices are given on Red Figure list.

Rosen Rye

Has proven itself to be so far superior to any other winter rye, that we would consider it a waste of space to list any other variety. It is a heavy yielder with a nice large kernel. The straw is big and strong and will stand the weather better than any other variety. Refer to Red Figure list for prices.



A Plot of German Millet.

Raised from True Southern Grown Seed. Note the Heavy Growth.

BUCKWHEAT

Buckwheat can be used to very good advantage in a great many different ways. Can be sown as late as July and still produce a crop, or it may also be plowed under for soiling. Sow ½ to 1 bushel per acre, as late as possible, and still have crop well developed before severe frosts occur. Light, well-drained soils are best for this crop.

Silver Hull

Is a decided improvement on the old common varieties. It stays in bloom longer, therefore, is better for bees. The kernel is of a beautiful light gray color, with a thin hull. Is a very good yielder. Millers prefer Silver Hull, there being less waste and it makes whiter, better and more nutritious flour than other varieties. Silver Hull is more productive and the grain meets with a more ready sale, bringing higher prices than the Japanese. Under favorable conditions it will yield 40 to 50 bushels an acre. Latest market prices given on Red Figure price list.

Japanese

Will produce a larger growth and will stand dry weather better than any other variety. The kernel is large, dark brown and matures very early. As much as 40 bushels to the acre have been harvested of this variety, making it very profitable to raise. Refer to Red Figure price list for prices.

RAPE

CULTURE. Rape is best adapted to moist, rich soil in which there is plenty of humus. Slough lands are especially good. It grows best in cool, moist weather and the time for sowing depends upon when the crop is to be used. When wanted for pasture, allow 8 to 10 weeks for it to attain maximum growth. Sow 1 to 2 pounds of seed per acre in drills and cultivate, for a weed-cleaning crop. For broadcasting, use 5 pounds per acre on rich, weed-free soil so that the Rape will not be choked by weeds. For continued hog pasture, sow Rape early and at successive intervals. It may well follow any grain crop and is always splendid to plow under for green manure.

Dwarf Essex

Rape is one of the surest crops for late pasturing. The leaf resembles the rutabaga very much, but will produce a heavier growth, that is relished by hogs, sheep and cattle. It may be sown as late as July 1st, and produce a very fine fall pasture. Prices given on Red Figure price list.

SOY BEANS

CULTURE. For silage, the usual amount of corn is planted and Soy Beans added at the rate of 10 lbs. per acre. Seed may be mixed in the planter box and stirred at each row end or planted from separate boxes. The two crops may be grown separately and mixed in the silo cutter three loads of corn to one of Soy Beans. The beans should be almost ripe when cut.

For hay, plant 60 to 90 lbs. per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence to turn. Allow to wilt in swath then rake up and place in small cocks. Curing sometimes requires several days and should be thorough. Soy Beans drop their leaves quite easily and should be cut before any number have fallen. They should be handled as little as possible to retain the most leaves.

For hogging off, plant 30 to 60 lbs. per acre in rows 20 to 42 inches apart. 20 inch rows can be made by straddling every other row with the corn planter. As soon as the beans are matured, turn in the hogs to harvest the crop.

Early Black

Have given very gratifying results in the past few years. When planted with fodder corn, they add materially to the yield and quality of the silage. They also make a splendid hay crop when planted broadcast at the rate of 60 to 90 lbs. per acre. As a soil builder the Soy Beans are almost equal to Clover and Alfalfa. See Red Figure price list for prices.

Manchu

A little later and trifle taller than Early Black. Especially adapted for silage and for hay. Grows from 24 to 36 inches high with very fine branching stems, and especially leafy. Grow erect, eliminating difficulties in harvesting, experienced with some varieties that lodge badly.

There are many late Southern varieties of brown Soy Beans which mature too late to make good quality silage or hay. Be sure to get the genuine Early Brown Northern Grown. Prices quoted on Red Figure price list.

SPELTZ

Speltz is coming to the front in great strides as a standard crop. It thrives under most unfavorable conditions and produces an abundance of very nutritious feed. It is readily eaten by all kinds of stock and has shown itself to be especially adapted when fed to milch cows. It is better to mix it, however, with bran and shorts as it is a pretty heavy feed when fed alone. As a swine feed, we think very well of it, especially for brood sows. While not quite equal to oats, it makes a fair horse feed. It yields more than wheat or barley and even the straw if cut slightly green has a good amount of feeding value. To all those who have not tried Speltz, we would say try an acre or two. Next season you will plant ten or twenty acres. Prices are given on Red Figure price list.



SEMESAN

Controls seed diseases, quickens germination, invigorates seedling growth, produces sturdier plants, increases crop yields.

Extensive seed tests show that Semesan will successfully prevent or control the majority of externally and many internally-borne diseases of seed without in the least impairing their vitality. It is also effective in curing a number of common diseases that attack plants and infest the soil. Semesan actually increases germination and invigorates seedling growth by killing bacterial and fungous parasites.

Semesan is used effectively in treating seed for: Cereal Crop Diseases (smuts and leaf, stem and root diseases); Field and Forage Crop Diseases; Truck Crop Diseases (stem, root, leaf and fruit diseases); Diseases of Ornamentals.

"Brown Patch"; Semesan prevents and cures "Brown Patch," a disease of grasses that destroys the turf on golf greens, grass tennis courts, parks and estates.

FIELD PEAS

Are not only profitable as a dry shelled crop, but may also be used for hay, pasture, or soiling with excellent results.

Peas are second only to Clover in their soil enriching properties and can be grown under almost any condition of soil or climate.

Canada Yellow Field Pea

The standard field pea of the Northwest, and needs no description. It is always in demand either as a dry pea for cooking, or for pigeons. Prices given on Red Figure price list.

Canada Green Field Pea

Is of the same general character as the yellow, is used in the same way, and gives the same results, the only difference being in the color of the seed. See Red Figure price list for prices.

Large White Marrowfat

Vines grow 4 to 5 feet high bearing long round pods with 5 to 7 large round peas. Yields abundantly. See special price list for latest quotations.

VETCH

Sand or Winter Vetch

This is a very valuable forage plant and is rapidly becoming more popular each year, as the farmers and gardeners learn more of its great value. Not only does it produce an enormous amount of very valuable feed, but it at the same time restores to the soil a great amount of fertility which is so much needed. From 50 to 60 lbs. of seed is required to the acre. Prices quoted on Red Figure price list.

Spring Vetch

Known also as Tares, English Winter Vetch, Oregon Winter Vetch or Common Vetch. Used for the same purpose as the Sand Vetch but must be planted in the spring wherever the winters are severe as this variety is not so hardy as Winter Vetch. It succeeds wherever Canada Field Peas thrive. If sown alone, use 60 lbs. of Vetch per acre and if with oats, 60 lbs. of Vetch and 40 lbs. of oats are usually seeded.

Spring Vetch thrives in a well-drained soil, doing best in loams or sandy loams though excellent crops are grown both on sandy and gravelly soils. On poor soils special care should be taken to provide thorough inoculation. Refer to Red Figure list for prices.

Prices:

| | | | |
|---------------|--------|------------------|----------|
| 2 ounces..... | \$0.60 | 5 pounds | \$ 13.00 |
| 8 ounces..... | 1.60 | 25 pounds | 62.50 |
| 1 pound | 2.75 | 100 pounds | 235.00 |

Insecticides
are not
mailable

INSECTICIDES AND FUNGICIDES

Fungicides
are not
mailable

Prices Subject to Change—See Special List for Quantity Prices.

All insecticides being of a poisonous nature cannot be sent by mail, therefore all prices quoted are net F. O. B. St. Paul, Minn., to be shipped by express or freight.



Acme Garden Guard

No Sprayers, No Water, No Mixing. Dust on plants from sifter top carton or through burlap sack. Acme Garden Guard is the strongest garden insecticide of its type on the market—yet safe to use. Ideal for the housewife to use.

For Use On

Cabbage, Cauliflower, Tomato Plants, Melon Vines, Currant and Gooseberry Bushes and other vegetables, flowers and shrubs of many kinds.

The Bordeaux Mixture in Garden Guard acts, in a measure, as a fungicide.

Prices: 1 lb. sifter carton, 25c; 5 lbs. paper bag, 65c.

Acme 2-Way Spray

An approved balanced Insecticide and Fungicide containing 14% Arsenate of Lead and 83% Bordeaux Mixture—2 results with one spray.

Controls Insects, Combats Blight, Stimulates Foliage.

Easy to apply—wet or dry—For dusting, apply lightly, as it comes in the package.

In spraying apples, grapes, muskmelons, potatoes, squash and tomatoes, use 9 1/2 level tablespoonfuls to 1 gallon of water.

On pears, sour cherries, egg plant and peppers, use 7 level tablespoonfuls to 1 gallon of water.

Prices: 1/2 lb. carton, 30c; 1 lb. carton, 50c; 4 lb. paper bag, \$1.50.



Arsenate of Lead

It kills the bugs, sticks to the leaves and does not burn or injure the foliage.

While these qualities make it the favorite spray for fruit trees, it also gives splendid results on vegetables.

Arsenate of Lead is recommended to control leaf-eating insects on apples, cherries, currants, gooseberries, grapes, peaches, pears, plums, strawberries, pecans, asparagus, beans, cabbage, cauliflower, potatoes, tomatoes and tobacco.

When dusting fruit, add 5 parts hydrated lime. Vegetables 8 parts lime.

Prices: 1/2 lb. carton, 30c; 1 lb. carton, 50c; 4 lb. bag, \$1.25.

Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose, and certain other fungous diseases, will stimulate plant growth and greatly increase the harvest. On apples, grapes, currants, gooseberries, strawberries, pecans, potatoes and tomatoes, use 8 level tablespoonfuls to 1 gallon of water.

For spraying sour cherries, pears, plums, celery, beans, oranges, grape fruit and lemons, use 6 level tablespoonfuls to 1 gallon of water.

Prices: 1 lb. carton, 50c; 4 lb. paper bags, \$1.25.

Lime Sulfur

Lime Sulfur is a standard 33° Baume Lime and sulphur solution, converted into dry powdered form, having all the effectiveness without the bother in handling.

For dormant spraying in the fall or early spring against Scale, Peach Blight, Leaf Curl and Twig Borer, use 9-11 tablespoonfuls to 1 gallon of water.

For summer spraying against Scab, Soot and Blotch, use from 2 1/2 to 3 level tablespoonfuls to 1 gallon of water.

2 1/2 to 3 tablespoonfuls to 1 gallon of water will control Red Spider and Mites.

Prices: 1 lb. can, 35c; 5 lb. can, \$1.25; 10 lb. can, \$2.50.



Acme London Purple

Costs Less; Results Best. London Purple has for years been the South's favorite control for the cotton worm, and, possessing better sticking power than most other insecticides, makes it a favored spray for potatoes and tobacco.

On potatoes, use 1 1/2 to 2 1/4 level tablespoonfuls to 1 gallon of water.

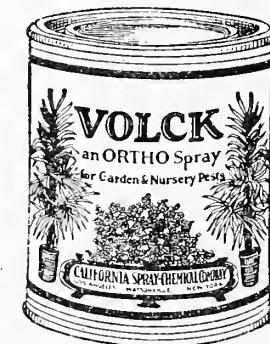
Prices: 1/4 lb. carton, 15c; 1 lb. carton, 50c; 4 lb. bag, \$1.25.

White Hellebore

White Hellebore is a mild insecticide which may be used generally in the home garden for any leaf eating insects. Especially recommended for use on Currants against the currant worm. Dust freely. 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 65c.

Volck

Volck is one of the most powerful insecticides known and still it is non-poisonous and colorless. 2 1/2 tablespoonfuls of Volck per gallon of water will control aphis, red spider or mites. As a general nursery spray, Volck has no equal. Very effective for ridding plants of the Thrip pest. 1/2 pint, 50c; pint, 75c; quart, \$1.00; 1 gallon, \$3.00.



Corrosive Sublimate

Used for treating seed potatoes and also treating cabbage, cauliflower and brussel sprouts against root maggots. For potatoes use 1 oz. Corrosive Sublimate to 7 1/2 gallons water. Let potatoes soak 1 1/2 hours in wooden container. Metal should not be used unless it is especially coated with asphaltum first. For cabbage maggots use 1 oz. to 10 gallons and for cauliflower and brussel sprouts 1 oz. to 15 gallons. 1 lb. \$2.25.

Countryman's Gopher Poison

Especially recommended by experts for pocket gophers. Package 50c, enough to treat from two to four quarts of bait.

Sweeney's Poisoned Wheat

Very effective for rats, mice, moles and striped gophers. Small package 15c. Medium package 30c.

Sanitary Red Cross Rat and Mouse Embalmer

Kills the rats and mice without leaving any bad odor. It embalms them, hence its name. Pkgs. 25c; 50c; \$1.00; \$3.00.

Cyanogas

Cyanogas G for fumigating greenhouses and Cyanogas A for extermination of rodents. A in 1 lb. cans, 60c; G 5 lbs. \$2.50, 25 lbs. \$8.50.

Coppervarb

A copper carbonate dust for treating wheat against smut. 2 to 3 ozs. of Coppervarb to each bushel of wheat thoroughly mixed will control smut. 5 lb. package, \$1.00.



Prices subject
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INSECTICIDES AND FUNGICIDES

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All insecticides being of a poisonous nature cannot be sent by mail, therefore all prices quoted are net F. O. B. St. Paul, Minn., to be shipped by express or freight.

Corona Tobacco Dust

Corona Tobacco Dust may be used in the seed bed to prevent maggots, and root aphids. It may also be used as a dust against aphids and striped beetles on vine crops. Use as a dust with powder gun. $\frac{1}{2}$ lb. 15c; 1 lb. 25c; 5 lbs. 75c; 10 lbs. \$1.40.

Corona Dusting Sulphur

Corona Dusting Sulphur is used as a preventive of mildew on Grape vines, Rose bushes and any other plants which are subject to mildew. Dust freely at intervals of 10 to 15 days. $\frac{1}{2}$ lb. 15c; 1 lb. 25c; 5 lbs. 75c; 10 lbs. \$1.40.

Pyrox

Pyrox is a combination insecticide and fungicide in paste form. It is easy and convenient to use by simply adding the necessary amount of water and applying with a sprayer. Pyrox may be used to kill the apple-worm, currant worm, caterpillars, potato bugs and any other leaf eating insects, which harm and destroy many garden crops. As a fungicide it may be used on any vegetable, fruit or flowering plants that are subject to blight or other diseases. Put up in the following convenient sizes. 1 lb. jar 50c; 5 lb. can \$1.75; 10 lb. can \$3.00; 25 lb. can \$6.25.

Slug Shot

Is a very effective insecticide. For cabbage and cauliflower worm, Slug Shot has no equal. 1 lb. sifter top can 20c; 5 lb. pkg. 65c; 10 lb. pkg. \$1.20.

Grape Dust

A light weight powder Fungicide. Very efficient in destroying powdery mildews and in preventing blights. Especially recommended for mildew on Roses and Grape vines. Apply in dust form with blower if possible. 1 lb. carton 35c; 5 lb. bag, \$1.00.

Formaldehyde

Recommended by Government experts for treating various kinds of seeds before planting as a preventative for smut in wheat, oats, barley and millet. It has proved very successful. For potatoes it is a very practical cure for scab and other destructive potato diseases. It is also used to prevent mould in seed corn. Prices, 2 oz. 20c; 4 oz. 30c; 1 lb. 50c; 5 lbs. \$2.00; 1 gal. \$3.50; 5 gal. keg \$10.00.

Tree Tanglefoot

Tree Tanglefoot is a sticky compound similar to that used in making sticky Fly Paper. It is easily applied and is the most effective and economical protection for fruit, shade and ornamental trees against all crawling insects. Particularly recommended against Canker Worm, Climbing Cut Worms, Ants, Tussock Moth, Brown-tail Moths and Gypsy Moths. Full directions for use on every can. 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.

PLANT FOOD

Hoover's Plantlife

A food that promotes growth, health and vigor in plants of all kinds.

A plant shut up in a pot or box, soon eats all the food from the ground and will die if not fed in some way.

If you re-pot your plant, you retard its growth, because you have disturbed the little roots that reach out for food.

Hoover's PLANTLIFE takes the place of re-potting. All you need to do is put a little PLANTLIFE under the surface of the soil and keep the ground loose and moist. One application will take care of your plant from three to six months or more. Can 35c; postpaid 40c.

Paris Green

Paris Green is the old reliable Potato Bug Poison. It is so well known that little needs to be said about its uses. But still a slight reminder or warning may be well taken.

An inexperienced person will very often do more harm than good when applying Paris Green, especially if applied in dry form; but a person who understands its qualities and defects will obtain the very best results. For potato spraying use 1 level tablespoonful per gallon of water or one pound per 50 gallons of water. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 35c; 1 lb. 60c; 2 lbs. \$1.10; 5 lbs. \$2.50; 14 lbs. \$6.75.

Black Leaf 40 or Nicotine Sulphate

Is recognized as the spray for all kinds of sucking insects, such as Aphids, Plant Lice, Red Spider, Onion Thrips, etc. It is also recommended as an animal and sheep dip. 1 oz. bottle 35c; $\frac{1}{2}$ lb. tin \$1.25; 2 lbs. \$3.50; 10 lbs. \$13.50.

Nico Fume Liquid

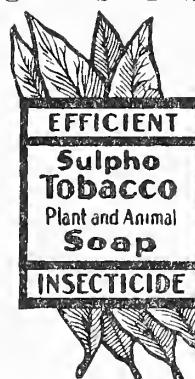
A highly refined solution of free nicotine and is used more for greenhouse, indoor spraying and fumigating. The labels contain complete directions. $\frac{1}{4}$ lb. tin 75c; 1 lb. tins \$2.25; 4 lb. tins \$8.00; 8 lbs. \$15.00.

Nico Fume Paper

For Fumigating Greenhouses. This paper deteriorates with age, so to be sure of giving you fresh stock, we have your order sent direct from the factory. Put up in three sizes. Postpaid 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

Fish Oil Soap

For destroying insects on Plants, Shrubs and Trees. When used for scale during the dormant period, use 2 lbs. of soap to 1 gallon of water. As a summer spray against aphids use only one pound of soap to 7 gallons of water. 1 lb. 35c.



Sulpho-Tobacco Plant and Animal Soap

An efficient insecticide for Aphids, Mealy Bug, Red Spider and many other insects on plants, shrubs and trees. It is also highly recommended for use as a soap bath for cats and dogs. It will not only rid them of vermin, but will also leave them with a clean, healthy skin. 3 oz. cake 15c; 8 oz. cake 25c; 1 lb. 40c.

Black Leaf Nicotine Dust

To be applied dry for the control of Aphids, Cucumber beetle, Squash bug, leaf-hoppers and similar pests attacking different kinds of vegetables. 5 lb. tins \$1.50; We will accept orders for 25, 50 or 100 lb. drums to be shipped direct from factory.

Blue Vitriol, or Copper Sulphate, or Blue Stone

Is used for making Bordeaux mixture by dissolving 4 pounds Blue Stone and 4 pounds Hydrated Lime in 50 gallons of water. This will make the standard 4-4-50 Bordeaux mixture. Smaller lots may be mixed in proportions. 1 lb. 20c; 5 lbs. 75c; 50 lbs. \$6.00.

FOOD

Stim-U-Plant Tablets

These tablets are a plant food, something that every small gardener should have on hand at all times. You can feed the plants as they need food throughout the season, and keep the development absolutely under control. Stim-U-Plant tablets increase production, hasten maturity and improve the quality of the plants and their products at a very small cost.

Stim-U-Plant tablets have a guaranteed analysis of 11 per cent Nitrogen; 12 per cent Phosphoric Acid; and 15 per cent Potash, all water soluble and immediately available for Plant food. 10 tablet size 15c; 30 tablet size 25c; 100 tablet size 75c; 1,000 tablets \$3.50, postpaid.

Armour's BIG CROP Fertilizers

Why Fertilize Our Crops

The big reason for the growth in the consumption of fertilizers lies in the fact that commercial fertilizers increase profits wherever properly used. Our soils are still being robbed of their available fertility, and consequently, IN MANY CASES, THEY ARE NOT PAYING REASONABLE PROFITS. Fertilizers will help bring these soils back into the money-making class. Fertilizers give crops a good start, hasten maturity, improve quality, and increase yields. Fertilizers pay on rich soils. Do not ignore the plant-food question because your soil produces good yields. It can produce bigger and better crops. Try out available plant-food on your best and poorest soils and see for yourself.

Fertilizers Are Plant Food Carriers

Fertilizers are carriers of plant food in an available and concentrated form. They contain the three elements of plant food most needed in crop production—Nitrogen, usually referred to as ammonia; Phosphorus, known to the buyer as phosphoric acid; and Potassium, known as potash. Each of these elements performs definite functions in plant growth.

What Plant Food Does

AMMONIA promotes stem and leaf growth, increases the tillering or stooling of grasses and small grains, favors root development, and produces new wood on apple, peach, and other fruit trees. In general, it gives to the foliage the healthful green color characteristic of vigorous growth.

PHOSPHOROUS produces vigorous root growth early in the season—a most important function—and also promotes early ripening. When crops are slow to mature and take weeks when they should take days, it indicates a most serious lack of this all-important plant food.

POTASH favors starch formation and aids in making heavy grains. It also stiffens the stems of grasses and grains and thus helps prevent lodging. Crops which have sufficient potash have a greater disease resistance.



Armour's Lawn and Garden Grower

ARMOUR'S LAWN AND GARDEN GROWER is superior for home use. It contains sixteen times as much plant food as fresh manure and four times as much as pulverized sheep manure. Figure the relative cost on this basis and you will readily see which is the cheapest per pound of plant food. Fresh manure is offensive to handle and introduces weed seeds that ruin the lawn and make more work in the garden. ARMOUR'S LAWN AND GARDEN GROWER does not have an offensive odor like pulverized sheep or fresh barnyard manure. These manures are markedly deficient in available phosphoric acid, while ARMOUR'S LAWN AND GARDEN GROWER is rich in this plant food element which favors the growth of white clovers in lawns and produces bumper crops of vegetables and beautiful flowers. Potash is the third important element and assists wood growth in trees and shrubs and is very essential to the growth of root crops of vegetables and flowers grown from bulbs. ARMOUR'S LAWN AND GARDEN GROWER contains a liberal supply of potash in an available form. Manures do not. See Special List for Prices.

Flowers, Shrubbery and Trees

Every home can have flowers, shrubbery and trees that will beautify and add charm and balance to the landscape. Varieties must be selected that are suited to the climate, they must be properly planted and well cared for and liberally fed with ARMOUR'S LAWN AND GARDEN GROWER.

Armour's Big Crop Bone Meal 3-27

Guaranteed analysis, 3% ammonia, equivalent to 2.47% nitrogen, and 27% total phosphoric acid. Very good for fall application on lawns, meadows and permanent pastures, also valuable in greenhouses for benching, rose beds, pot and bench plants. It is finely ground and of first quality. Decomposition starts quickly and continues throughout the growing season, improving soil fertility as well as feeding the plants.

Apply 25 lbs. per 1,000 square feet on lawns, 50 lbs. per cubic yard for benching pot plants and roses. Please Refer to Special List for Prices.

Armour's Big Crop Raw Bone 4 1/2-22

Guaranteed analysis, 4 1/2% ammonia, equivalent to 3.70% nitrogen, and 22% total phosphoric acid. This is the best animal fertilizer made. Manufactured from slaughter house bones, slightly steamed to soften and make action more rapid. Raw bone does not break down or decompose as quickly as Bone Meal and it is better for crops not needing quickly available food. It is excellent for rose beds, plants, vines, shrubs and trees (fruit or shade), good for bulbs indoors or outside. For roses and plants, use 50 lbs. per cubic yard, 25 lbs. each for grown trees. For shrubs and vines apply at the rate of 25 lbs. to 1,000 square feet. Refer to Special Price List for Prices.

Armour's Big Crop 4-8-6 Fertilizer

Vegetable Grower

For all soils other than muck or peat—a concentrated fertilizer especially prepared for Truck Farms, Home Gardens, Potting Earth and Top Dressing—for asparagus, beans, beets, peas, carrots, cabbage, cucumbers, onions, tomatoes, potatoes, strawberries, etc. Apply 300 to 800 lbs. per acre. Use one part to 50 for potting earth. Scatter 20 lbs. per 1,000 square feet for top dressing. Prices are given on Special Price List.

Armour's Big Crop 2-8-16 Fertilizer

Vegetable Grower for Muck and Peat Soils

Muck and peat soils are usually high in nitrogen but in the spring at planting time are cold and bacterial action is slow. A small amount of quickly available

nitrogen is necessary to give the plant an early and vigorous start. This fertilizer is especially adapted to cabbage, lettuce, beets, celery, and all early truck crops raised on muck and peat soils. Apply at the rate of 300 to 800 lbs. per acre. See Special List for Prices.

Armour's Big Crop Acid Phosphate

(20% Available Phosphoric Acid)

Should be used in connection with manure and an application of 50 lbs. of Super Phosphate per ton of manure gives good results.

Straight applications should be made at the rate of 200 to 800 lbs. per acre. Very good for clover, alfalfa, field beans, and peas, winter wheat, rye, barley, etc. Prices given on Special List.

Armour's Big Crop 0-14-14 Fertilizer

Especially prepared for field crops on acid muck or peat soils, for clover grain, etc., changing to 0-11-22 fertilizer on the non-acid or high lime muck or peat. Note—1,000 to 1,500 pounds per acre for onions on high lime muck and peat soil using the 0-14-14 fertilizer. Please refer to Special List for Prices.

Armour's Big Crop 0-9-27 Fertilizer

An excellent composition for high lime muck or peat soil for root crop and especially potatoes respond readily to applications of this fertilizer. Applications of 600 to 700 pounds per acre give the best results. Prices quoted on Special List.

FERTILIZERS---Continued

Nitrate of Soda

Most available and the quickest commercial nitrogen used to force maturity of vegetables and flowers. It should be applied only when the plants are above ground. See Special Price List for Prices.

Muriate of Potash

Imported or domestic Muriate, recommended for all root crops. May be used with Bone Meal and Dried Blood or natural fertilizer—for fruits, celery, asparagus, etc. See Special List for Prices.

Sulphate of Ammonia

A highly concentrated Nitrogen fertilizer which is very quickly available to the crops. It is dry and odorless and carries 25 1/4% ammonia. See Special List for Prices.

Sheep Manure—Pulverized

A natural manure, very good for hot house, benching earth, and house pot plants—also good for lawn dressing, and gardens. Contains nitrogen, phosphoric acid and potash. It is dried, pulverized and screened. Apply in the spring at the rate of 100 lbs. per thousand square feet. Prices are given on Special Price List.

Agricultural Gypsum or Land Plaster

Is a fertilizer containing Calcium and Sulphate Sulphur. In the barn or barnyard it is used to preserve or retain the ammonia in manure. Also used as a dust against the cucumber beetle and squash bug by dusting on and around the plants when infested. See Red Figure Price List for Prices.

FLORANID UREA
(BASF)

A highly concentrated organic nitrogen fertilizer. 92 times stronger than manure. Clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees.

FLORANID is the most highly concentrated nitrogen fertilizer, containing 46% available nitrogen (equivalent to 55 1/2% ammonia). No other fertilizing material contains anything like as high a percentage.

Nitrogen is one of the principal constituents of plant food. It is the one that is first to affect the plants, producing quick and vigorous growth. Nearly all soils are deficient in nitrogen.

A ton of stable manure contains valuable material, but on an average, only 10 pounds of nitrogen. A ton of FLORANID contains 920 pounds of nitrogen and, therefore, only small quantities are required.

Stable manure contains seeds of noxious and troublesome weeds and sometimes carries diseases. FLORANID is clean and is free from odors and other objectionable properties. It does not leave the soil acid or alkaline, which is important to growers of flowers and fancy vegetables.

In Europe, where it was first introduced, FLORANID is widely used by market gardeners, florists, nurserymen, fruit growers and seedsmen, to insure a quick start and vigorous growth. It greatly increases the yield and improves the quality of plants such as vegetables, flowers, berries and other fruits, and hastens development from two to three weeks. It is also a most valuable and convenient fertilizer for house plants. Its use insures perma-



nent, beautiful lawns.

Land that is cropped for any purpose, whether farm, garden, nursery, lawn or pasture, requires fertilizing regularly to maintain its productiveness. Trees, shrubs and hedges need fertilizing to maintain their health and beauty. Perennial plants deteriorate and die for the want of nourishment in the soil which they exhaust, unless properly fertilized. Pot plants require feeding through the soil.

FLORANID is a powerful plant builder and plant food. Vegetables and berries when fertilized with FLORANID will be more abundant and of better size, color and flavor. Flowers will be richer in color, larger, more prolific and more fragrant.

FLORANID used on bulbs in the Fall produces blooms of exceptional earliness, quality and size.

FLORANID contains more nitrogen plant food than any other fertilizer material, so much less is required for a given area. The results will justify its purchase, from the viewpoint of quantity, quality and earliness of the crop, the saving in transportation charges on the fertilizer, and in handling and labor.

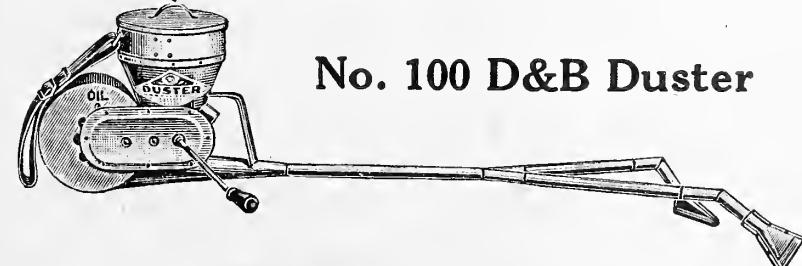
FLORANID is urea (B A S F) which trademark identifies the brand. This material has attracted the attention of soil scientists all over the world who speak of it in the highest terms of praise. Prices are as follows: Trial size 15c postpaid; 1/2 lb. can, postpaid 50c; 1 lb. can postpaid 75c; 50 lb. bag F. O. B. St. Paul \$10.00. Ton Price Quoted on Application.

DRY POWDER DUSTERS

The Champion Duster

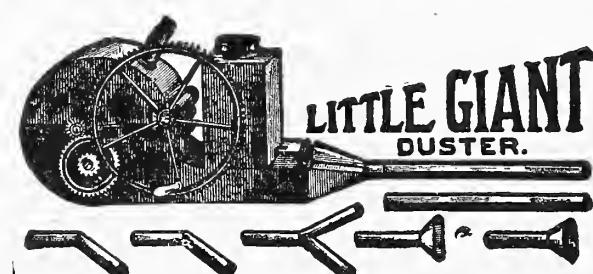
Has been the real champion of Dusters for many years in applying insecticides in dry powdered form. It will dust two rows at a time just as fast as the operator can walk. Best results are obtained with dry insecticides when applied early in the morning while there is dew on the plants. Price, each \$14.00

No. 100 D&B Duster



Simple—Substantial—Effective. The No. 100 D&B Duster is best suited for low-growing crops such as potatoes, tomatoes, cabbage, berries, melons, tobacco, cotton, etc. It can also be used effectively on shrubs and small trees. Without doubt this is the most simple and easy operating duster of its kind on the market. Complete with attachments \$9.50. Parcel Post Weight 14 lbs.

The Little Giant Insecticide Duster



This duster is of the same type as the Champion but slightly smaller. Machine weighs 6 pounds; furnished with three 16-inch tubes, five nozzles and strap. Weight, cased, about 15 pounds. Capacity about one quart. For low growing crops only.

Will green one or two rows of potatoes, tomatoes, etc., as fast as you walk. Price, each \$11.00.

Dry Powder Dusters for the home garden

These are very practical dusters of various sizes for dusting powdered insecticides and fungicides. Price 50c; \$1.00; \$2.75 each.

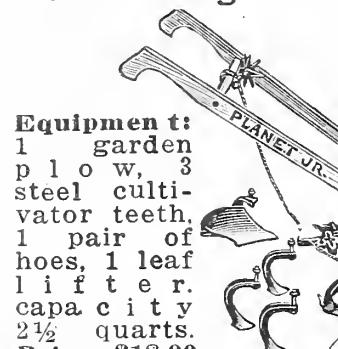


Garden Tools

Planet Jr.

Farm Tools

No. 4 Planet Jr. Hill and Drill Seeder and Single Wheel Hoe Combined.



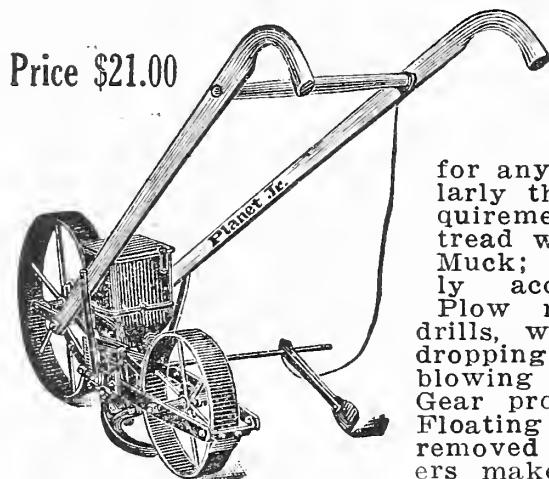
Equipment:
1 garden plow, 3 steel cultivator teeth, 1 pair of hoes, 1 leaf lifter. capacity 2½ quarts. Price, \$18.00

No. 4-D Seeder only. Price \$14.25. No. 25, Same as No. 4, but as a Double and Single Wheel Hoe. Price, \$22.50.

The biggest selling combination of its kind on the market. It sows all vegetable seeds in drills, or drops in hills 4, 6, 8, 12 or 24 inches apart. Complete variety of cultivating attachments handle all cultivation.

No. 26 Planet Jr. Drill Seeder.

Price \$21.00



The No. 26 Drill Seeder is an improved Drill Seeder for any soil but particularly the Muck land requirement. It has wide tread wheels required in Muck; Index is unusually accurate; Opening

Flow makes clean cut drills, wings prevent soil dropping back and wind blowing seed. Shaft Drive Gear protected from dirt. Floating Coverers can be removed if desired. Markers make clean cut marks

on all soils. Capacity 4 quarts. Hopper quickly removed by unscrewing one wing nut. Scrapers, adjustable on front wheel; spring tension on rear wheel.

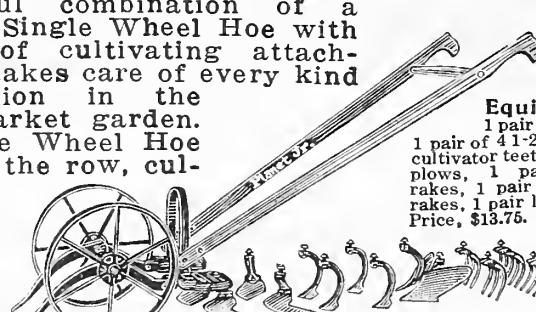
No. 3 Planet Jr. Hill and Drill Seeder

A great favorite among Market Gardeners.

Sows all vegetable seeds in drills, or drops in hills 4, 6, 8, 12 or 24 inches apart. Sows at the proper depth and thickness and economically; produces straight rows and a uniform stand, making cultivation easier. The hopper holds 3 quarts. Price, \$17.50.

No. 11 Planet Jr. Double and Single Wheel Hoe Combined. Price \$13.75

A wonderful combination of a Double and Single Wheel Hoe with a variety of cultivating attachments that takes care of every kind of cultivation in the home or market garden. As a Double Wheel Hoe it straddles the row, cultivating both sides at one time, until plants are 20 inches high. As a Single Wheel Hoe it is a wonderful time saver and does a great variety of work.



No. 3 Holds 3 Quarts
Price \$17.50

Equipment:
1 pair 6 in. Hoes,
1 pair of 4 1-2 in. hoes, 4
cultivator teeth, 1 pair of
plows, 1 pair 3-tooth
rakes, 1 pair of 5-tooth
rakes, 1 pair leaf lifters.
Price, \$13.75.

No. 12 Double and Single Wheel Hoe

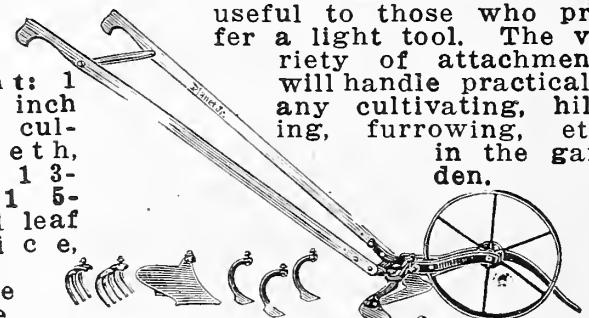
A popular combination—used by thousands of Home and Market Gardeners everywhere. Has No. 11 equipment except 4½-inch hoes and rakes. Price, \$10.75.

No. 13 Double and Single Wheel Hoe

A great favorite among onion growers. Equipment: 1 pair of 6-inch hoes, the most useful attachments. All other attachments can be added at any time. Price, \$8.00.

No. 16 Planet Jr. Single Wheel Hoe

Lighter than a Double Wheel Hoe and almost as useful to those who prefer a light tool. The variety of attachments



Equipment: 1 pair of 6 inch hoes, 3 steel cultivator teeth, garden plow, 1 3-tooth and 1 5-tooth rake, 1 leaf lifter. Price, \$9.00.

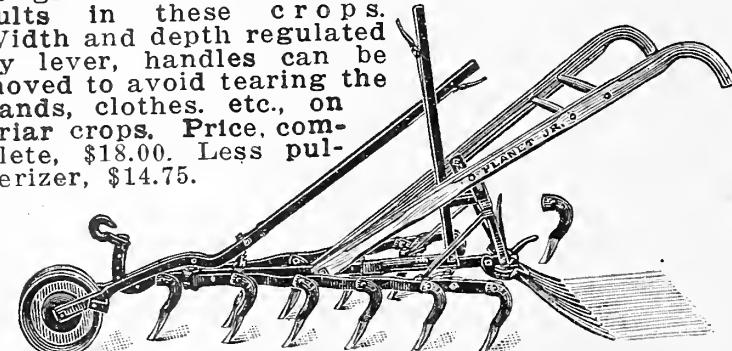
No. 17 Single Wheel Hoe. Same as the No. 16, less the rakes and leaf lifter. Price, \$7.75. No. 17½ Single Wheel Hoe. Same as the No. 17 less the Plow. Price, \$6.75.

No. 18 Single Wheel Hoe.

Equipped with 1 pair of 6-inch hoes only, the most useful attachments. A great favorite among Market Gardeners; a wonderful time and labor saver. Other attachments can be added whenever desired. Price, \$5.75.

No. 90 Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer

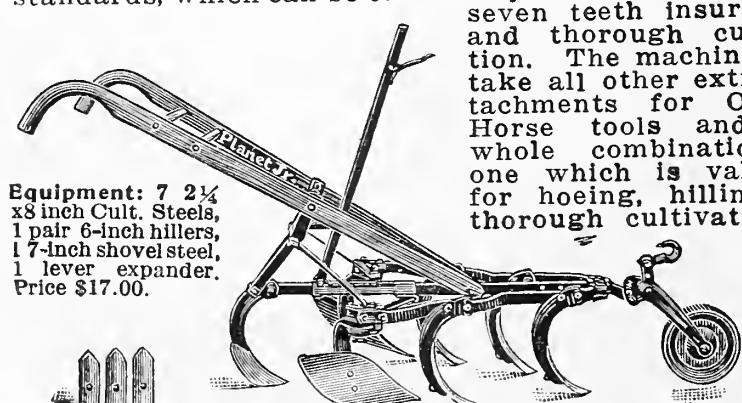
A great tool for the vegetable and berry growers. It gives the finest cultivation and wonderful results in these crops. Width and depth regulated by lever, handles can be moved to avoid tearing the hands, clothes, etc., on briar crops. Price, complete, \$18.00. Less pulverizer, \$14.75.



No. 82 Planet Jr. Horse Hoe and Cultivator. Price \$17.00.

The No. 82 is a 7-tooth machine. It has reversible side standards, which can be turned any angle desired. The seven teeth insure fine and thorough cultivation.

The machine will take all other extra attachments for One Horse tools and the whole combination is one which is valuable for hoeing, hillng, or thorough cultivating.



Equipment:
7 2 1/4 x 8 inch Cult. Steels,
1 pair 6-inch hillers,
1 7-inch shovel steel,
1 lever expander.
Price \$17.00.

We carry a complete line of extra Planet Jr. parts

GARDEN TOOLS

Iron King Steel Frame Seeder No. 4

The Iron King Seeder No. 4 is constructed of steel throughout, has fewer parts and is less complicated than any other seeder. It is practically indestructive and will last an ordinary lifetime. The V-shaped shoe, makes it possible to sow all seeds in an exact line and at uniform depth. An even stand of plants is thus assured. Consider how important an item when cultivating the crops. This seeder has a fifteen-inch front wheel and thirteen-inch rear wheel, each with two and one-half inch tires.



Price \$13.50

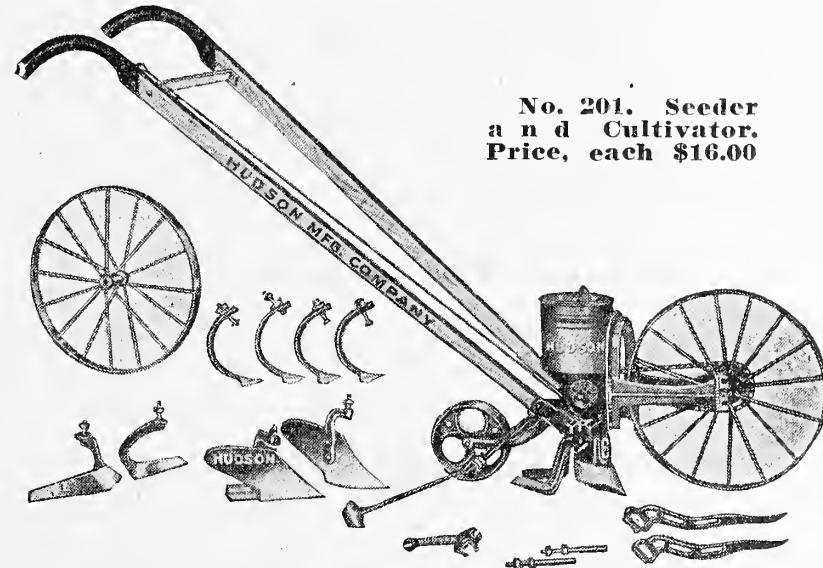
Iron King Wire Weeder No. 11A

Illustration shows wire weeder, No. 11A attached to High Wheel Hoe. This is the best weeder of its kind on the market. It is so constructed that it will last a lifetime and not get out of shape as one with a wooden frame. This weeder is four feet long, has teeth $\frac{3}{4}$ of an inch apart which are made of the best steel spring wire.

Price \$7.80 as shown.

Weeder only without wheel or handles, \$4.80

Seeder and Single or Double Wheel Cultivator No. 201



No. 201. Seeder
and Cultivator.
Price, each \$16.00

The No. 201 Machine is a combination outfit which may be used as a hill or drill seeder, double or single wheel cultivator, plow or hoe, as conditions require. It has all the equipment to serve the gardener from the initial seeding, until final cultivation. It is readily converted from one use to another.

Gives perfect control of the seed flow and insures a uniform drop. Sows all seeds from beans down to the finest garden variety, in continuous drills, or hills 4, 6, 8, 10, 12 or 24 inches apart. Adjustments permit planting at any depth up to 2 inches.

Hill and Drill Seeder No. 205

The No. 205 is a hill and drill seeder, which can be made into a cultivator, or the complete No. 201 Outfit by adding the cultivating equipment, as the steel frame and arch are standard.

No. 205. Hill and Drill Seeder. Price, each.....\$12.00

Fertilizer Distributor and Side Dresser No. 39A

Experiment stations all over the country are recommending the distribution of various kinds of fertilizer, as a side dressing while plants are in the process of growing. Has two feed spouts which are adjustable up and down, also sidewise to enable the operator to vary the width and depth at which the fertilizer may be placed. The spouts act as shoes or furrow conveyors at the same time. The double hopper and double chain drive give the machine balance and insure even distribution of fertilizer. This machine is equipped with shut-off to stop flow of fertilizer when machine is not in motion, which is manipulated from the handle by means of a lever.

The approximate capacity of the hopper is 32 pounds. This machine will sow 25 pounds to 600 pounds of commercial fertilizer per acre. Price \$21.00.



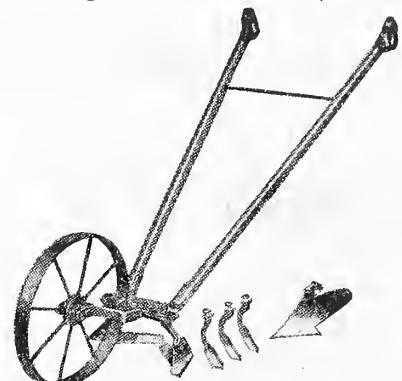
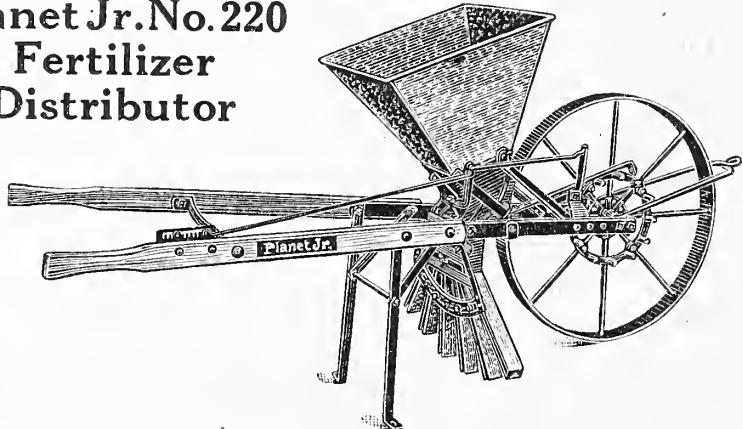
act as shoes or furrow conveyors at the same time. The double hopper and double chain drive give the machine balance and insure even distribution of fertilizer. This machine is equipped with shut-off to stop flow of fertilizer when machine is not in motion, which is manipulated from the handle by means of a lever.

The approximate capacity of the hopper is 32 pounds. This machine will sow 25 pounds to 600 pounds of commercial fertilizer per acre. Price \$21.00.

Single Wheel Cultivator No. 42

This Single Wheel Hoe with standard equipment of a set of hoes, three teeth and plow, enables its owner to care for all garden work after planting, without additional tools.

Price \$6.75

Planet Jr. No. 220
Fertilizer Distributor

Will distribute from 100 to 2,000 lbs. of commercial fertilizer per acre, spreading it from 4 inches to 30 inches wide. The hopper holds one bushel. The agitator is operated by lugs on the drive wheel which is 24 inches high. Price \$27.00.

Fertilizer Distributor

A machine that will distribute evenly, Commercial Fertilizer, Limestone and Sheep Manure, covering a strip 3 feet wide. The wheel is wide, 18 inches high. Any desired capacity can be had, ranging from 100 to 2,000 pounds per acre according to material.

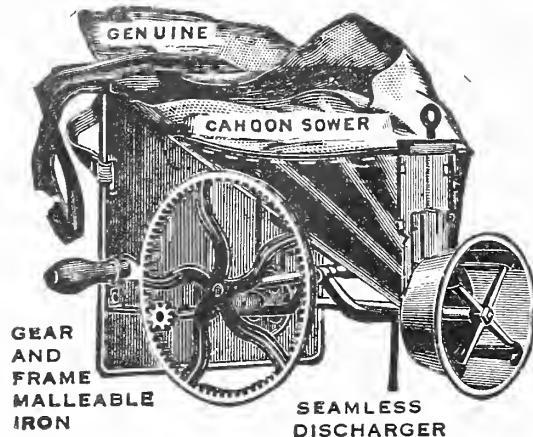
The light weight of this machine makes it possible for it to be used on the most delicate turf. Can be used as a grass seeder if desired.

Price, \$22.00 F. O. B., St. Paul.

Adams Peony and Tomato Support

Made of heavy galvanized wire.
30 inches high 14 inches in diameter 30c each.
30 inches high 24 inches in diameter 50c each.

MISCELLANEOUS GARDEN TOOLS and SUPPLIES



Cahoon Seeder

A broadcast seeder that will last a life time. The bag and hopper will hold about 22 quarts. It will seed all kinds of grass seeds and grains, also turnip, rutabaga or rape seed. Price, each, \$5.00.

The Moe garden tools are made in one piece, from pressed steel, making them doubly durable.



Each 35c.
Postpaid

Garden Trowel



Each 35c.
Postpaid.

Transplanting Trowel

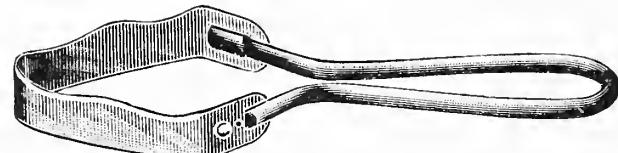


Each 35c.
Postpaid.
All 3 of the above
sent postpaid for \$1.00.

Garden Weeder



Lang's Ideal Weeder



New Spring Steel Weeder
25c each; 35c postpaid.



Asparagus Knife. Each 40c, postpaid
45c each.

Natural Raffia.

The best tying material for plants. Also used extensively in basket making in combination with Basketry, Reed or Rattan. Price: 1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.50. Postage extra.

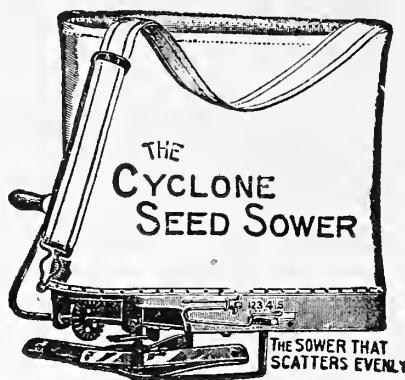
Rainbow Lawn Sprinklers

Guarantee attached to each sprinkler

The Rainbow Sprinkler is one of the very best lawn sprinklers made—guaranteed to give perfect satisfaction. Works from artesian well or tank pressure with ease. Throws a spray-like mist and rain combined over an area of from 40 to 50 feet, watering every inch of ground. Rainbow Sprinklers will last indefinitely without care. \$2.00. Postage extra. Mailing weight 3 lbs.

Cyclone Seed Sower

Has proven that it is the most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre. Price, each, \$2.25, Postpaid.



THE CYCLONE
SEED SOWER
THE SOWER THAT
SCATTERS EVENLY



Neponset Waterproof Paper Flower Pots

These pots are used in transplanting any kind of plants in the greenhouse and hotbeds, allowing them to become well rooted in the pot before setting in the open ground, thereby avoiding all setback from outdoor planting.

| | Doz. | 25 | 100 | 500 | 1,000 | weight per 100 |
|-------|------|--------|--------|--------|---------|----------------|
| 2 1/4 | inch | \$.15 | \$.25 | \$.75 | \$ 2.50 | 1 lb. |
| 2 1/2 | inch | .15 | .25 | .75 | 2.75 | 1 1/2 lbs. |
| 3 | inch | .15 | .25 | .75 | 3.75 | 2 1/2 lbs. |
| 3 1/2 | inch | .20 | .35 | 1.00 | 4.50 | 3 1/4 lbs. |
| 4 | inch | .20 | .35 | 1.15 | 5.75 | 4 1/2 lbs. |
| 5 | inch | .25 | .45 | 1.75 | 8.50 | 7 lbs. |
| 6 | inch | .35 | .60 | 2.25 | 11.00 | 21.75 |

The above prices do not include postage

Grafting Wax

This grafting wax has an even consistency which will give best results for sealing cuts or bruises in fruit and shade trees. 1/4 lb. 20c; 1/2 lb. 35c; 1 lb. 65c.

Rubber Bands

For bunching vegetables. 1/4 lb. 45c; 1 lb. \$1.75. Postage Paid.

Painted Tree Labels.

| | Mailing Weight | Doz. | 25 | 100 | 1,000 |
|--|----------------|------|-----|--------|-------|
| 3 1/2 inch copper wire. (3 1/2 lbs. per 1,000).... | 10c | 20c | 60c | \$3.50 | |
| 3 1/2 inch iron wire (3 1/2 lbs. per 1,000).... | 10c | 15c | 50c | \$3.00 | |

Painted Pot Labels.

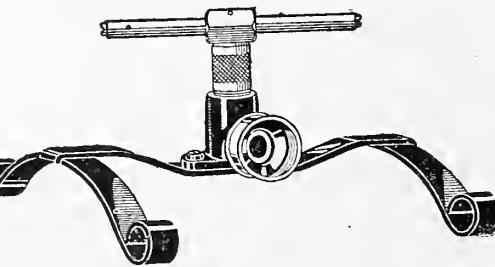
| | Mailing Weight | Doz. | 25 | 100 | 1,000 |
|------------------------------------|----------------|------|-----|--------|-------|
| 4 inch (3 1/2 lbs. per 1,000)..... | 10c | 15c | 45c | \$2.25 | |
| 4 1/2 inch (4 lbs. per 1,000)..... | 10c | 15c | 50c | 2.50 | |
| 5 inch (4 1/2 lbs. per 1,000)..... | 10c | 15c | 50c | 2.75 | |
| 6 inch (5 lbs. per 1,000)..... | 15c | 25c | 60c | 3.25 | |

Painted Garden Labels.

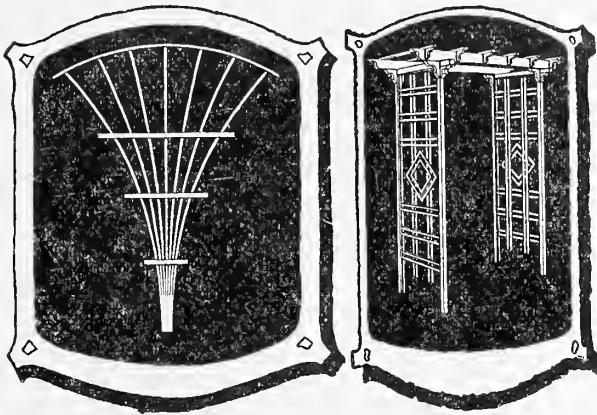
| | Mailing Weight | Doz. | 25 | 100 | 1,000 |
|-----------------------------------|----------------|------|--------|---------|-------|
| 8 inch (2 lbs. per 100)..... | 25c | 40c | \$1.50 | \$10.75 | |
| 10 inch (2 1/2 lbs. per 100)..... | 30c | 50c | 1.75 | 13.00 | |
| 12 inch (3 1/2 lbs. per 100)..... | 40c | 70c | 2.00 | 16.00 | |

Peerless Glazing Points

In 3 sizes—1,000 to the box at 75c.



Rainbow Brass Lawn Sprinkler



Nos. 5, 6, 8, 10.

No. 78.



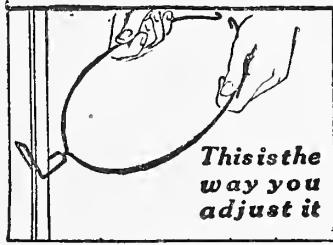
No. 53.

"ADJUSTO" PLANT SUPPORTS

A sturdy, hardwood stake seven-eighths inch square, 3, 4, 5 or 6 feet long, with a strong wire support instantly adjustable to any height

This wire loop encircles the plant

The "Adjusto" can be used successively, the entire season through, on Tomatoes, Peonies, Hydrangeas, Roses, Dahlias, Delphiniums, Chrysanthemums and every shrub or plant on the lawn or in the garden. Very inexpensive and will last a lifetime.



This is the way you adjust it

We offer the "Adjusto" under a positive guarantee that it will please and give you entire satisfaction. The "Adjusto" is a very simple unbreakable, practical, and cheap support which will last a long time.

3 feet; 30c each; \$3.00 per dozen.
4 feet; 35c each; \$3.50 per dozen.
5 feet; 40c each; \$4.00 per dozen.
6 feet; 45c each; \$4.50 per dozen.

Small sizes same as above, 18 and 24 inches, suitable for small potted plants, carnations, etc.

18 in.; 10c each; \$1.00 per dozen.
24 in.; 13c each; \$1.50 per dozen.

Tree Protectors

Protect your fruit trees against the ravages of field mice and rabbits.

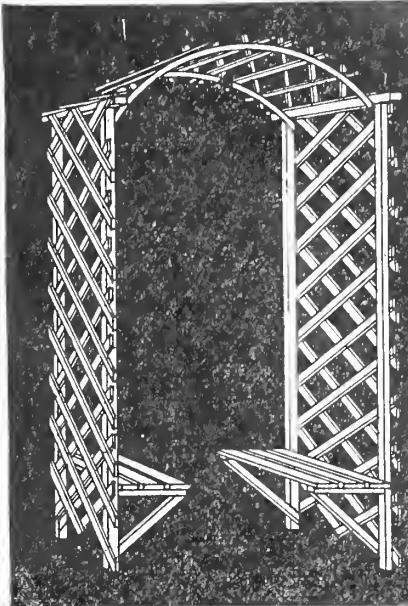
This protector is a very thin wood veneer, 20 inches long by 9 1/4 inches wide. By placing in water for a few minutes it is made pliable so that it can be wrapped around the tree and tied.

They are very simple and easy to put on. Per dozen 25c; shipping weight 3 lbs.; per 100 \$1.50; shipping weight 25 lbs.

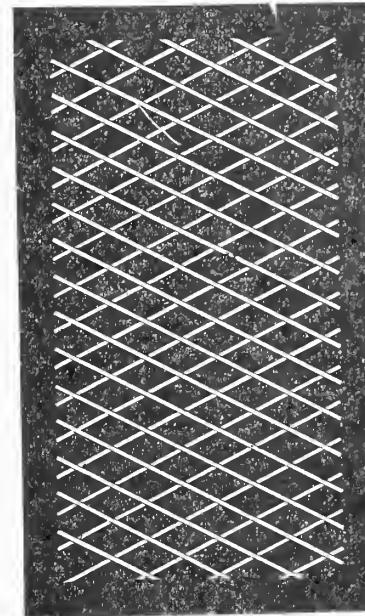
(Can be sent by parcel post.)

TRELLISES

The most humble house can be made attractive and pretty by the use of trellises and growing vines. A small investment in vines and trellises will work wonders in beautifying your premises. The following adjustable and sectional trellises are offered at very reasonable prices.



No. 77.

Nos. 35, 47, 71.
Adjustable Trellises

ADJUSTABLE TRELLISES—Made in 3 Sizes.

No. 35—34 in. wide when folded; 30 in. wide if extended 8 ft.; 20 in. wide if extended 12 ft. Price, painted white, \$1.55. Mailing weight 6 lbs.

No. 47—46 in. wide when folded; 40 in. wide if extended 8 ft.; 30 in. wide if extended 14 ft. Price, painted white, \$2.10. Mailing weight 9 lbs.

No. 71—70 in. wide when folded; 63 in. wide if extended 8 ft.; 32 in. wide if extended 16 ft. Price, painted white, \$3.25. Mailing weight 17 lbs.

SECTIONAL TRELLISES—No. 53

This is an exceptionally fine trellis, well painted, and is made for those who want something better than the ordinary. Each section is 17 in. wide, and 94 inches tall, this being the proper height for any ordinary porch from floor to ceiling. By this means you can build your trellis as narrow or as wide as you want it by the use of 1, 2, 3 or as many sections as you desire to use.

Another feature of this arrangement is that you can build along round, or circular porches. \$2.00 a section.

SECTIONAL TRELLIS—No. 55

This trellis is same dimensions as No. 4, which is shown above. It can be used in various ways, same as No. 4, and although not so elaborate, makes a very neat trim. Well painted and ready to nail up to porch. If painted once every year or two it will last indefinitely. Price, \$1.10 per section.

ORNAMENTAL FAN TRELLIS

A very neat lawn ornament, and at a very cheap price, made in three sizes, and shipped straight, that is, not spread out. However, proper nails for fastening cross-pieces are packed with each fan, and all pieces plainly marked, so it is only a matter of a very few moments to spread out and attach cross-pieces. No. 5 Fan, 58 in. tall, spread, 30 in. Price \$1.10 No. 6 Fan, 70 in. tall, spread, 45 in. Price \$1.40 No. 8 Fan, 94 in. tall, spread, 60 in. Price \$1.70 No. 10 Fan, 10 ft. tall. Price.....\$3.00

ROUND TOP ARCH—No. 77

A thing of beauty and a joy forever. Uprights, 1 3/4 x 1 3/4, 6 feet 2 inches, 7 ft. high at center. Spread, 4 1/2 ft. wide, and 32 in. deep. Bows across top are made of 3/4 in. galvanized tubing, and firmly bolted into uprights. Inserting ends of tubes into uprights and tightening up 4 bolts is practically all there is to setting up this arch. Price with seats, \$13.00.

PERGOLA DE LUXE—No. 78

The cut shows this piece perfectly. It is good enough for the millionaire and cheap enough in price for any one. 82 in. high, 58 ins. across top. Price with seats, well painted, \$15.90.

SECTIONAL TRELLIS—No. 148

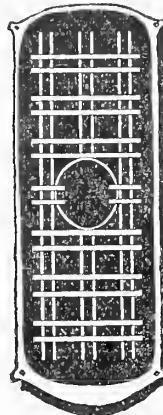
This trellis is very similar to No. 4, only it is 34 ins. wide instead of 17, thus giving just double the amount of trellis in size for one-third additional cost. Uprights in this trellis are set in edgewise, thus making it more rigid. Price, per section, \$3.00. All prices include white painting.

LAWN PARKWAY, OR DRIVEWAY FENCE (In Sections)

An especially attractive division fence, well constructed from high grade lumber free from knots. This type of fence is being used in large quantities by Gasoline Filling Stations. Height 30 inches, in 6 foot sections. Come painted white at \$3.90 a section. Plain posts furnished, painted white.



No. 55.



No. 148.

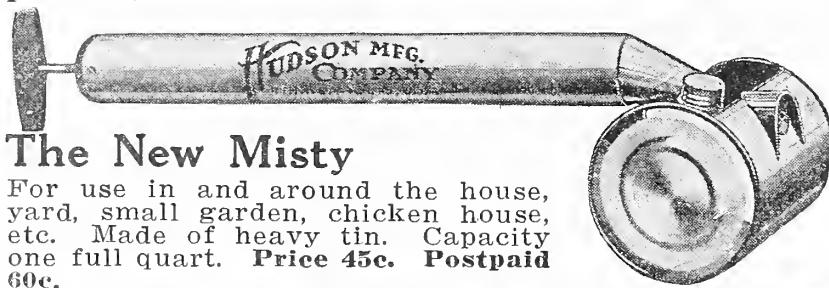


SPRAYERS



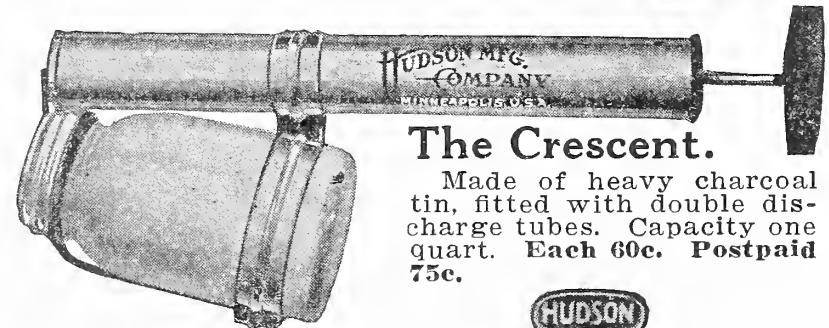
The Manyuse

Made of heavy tin. The pointed end makes it very handy in getting into corners. Has about a 1 quart capacity. Price 40c. Postpaid 55c.



The New Misty

For use in and around the house, yard, small garden, chicken house, etc. Made of heavy tin. Capacity one full quart. Price 45c. Postpaid 60c.



The Crescent.

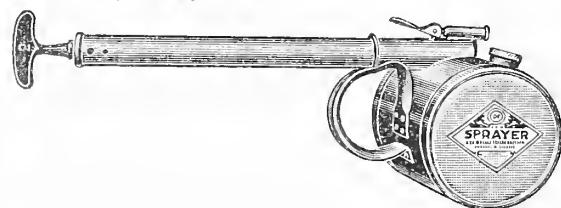
Made of heavy charcoal tin, fitted with double discharge tubes. Capacity one quart. Each 60c. Postpaid 75c.

Mohawk Bucket

Pump

This is one of our big sellers and popular sprayers. Unequalled for applying whitewash, Carbola, or disinfecting poultry houses or barns. Is easy to work and maintains a high pressure and steady discharge with little effort. Made of brass, excepting handle and foot rest. Can be used for washing automobiles, windows, spraying flowers, shrubs, trees, etc. Complete with 3 feet of $\frac{1}{2}$ inch hose and special nozzle for spray or solid stream. Price ... \$4.75

No. 35 D. & B. Sprayer



Mohawk Bucket Pump

For Flies, Mosquitoes, Aphis, Moths, Roaches and Insects of all kinds, and for spraying nicotine and other insecticides on shrubs and plants in the garden this sprayer cannot be surpassed. It is in a class by itself.

Works with compressed air. A few strokes of the pump puts sprayer in immediate action. No complicated parts; nothing to get out of order. Made of heavy galvanized steel. Capacity 3 quarts. Price \$3.50.

We carry a complete line of repair parts for the above Sprayers, as well as for the Auto, Utility, and Dobbins Sprayers.

Hudson Perfection

For work of any kind requiring a high pressure compressed air sprayer, such as whitewashing, disinfecting, deodorizing, cold water painting, etc. Capacity 4 gallons, shipping weight 11 lbs. Galvanized Tank. Each \$6.00 Brass Tank. Each \$9.00

Hudson Junior

The Hudson Junior Sprayer will do any work the larger model can, for it differs from it only in capacity. Holds about $2\frac{1}{2}$ gallons. Shipping weight 8 pounds. Galvanized Tank. Price Each \$4.50 Brass Tank. Price Each \$7.00



D. & B. No. 4

Sprayer

The No. 4 D. & B. Sprayer produces a very fine fog-like spray and will handle all liquid spray mixtures used in the garden, etc. Tank is made of galvanized steel. Automatic shut-off nozzle equipped with strainer which prevents clogging. Easy to operate. Capacity 2 gallons. Shipping weight 8 pounds. Price \$4.50

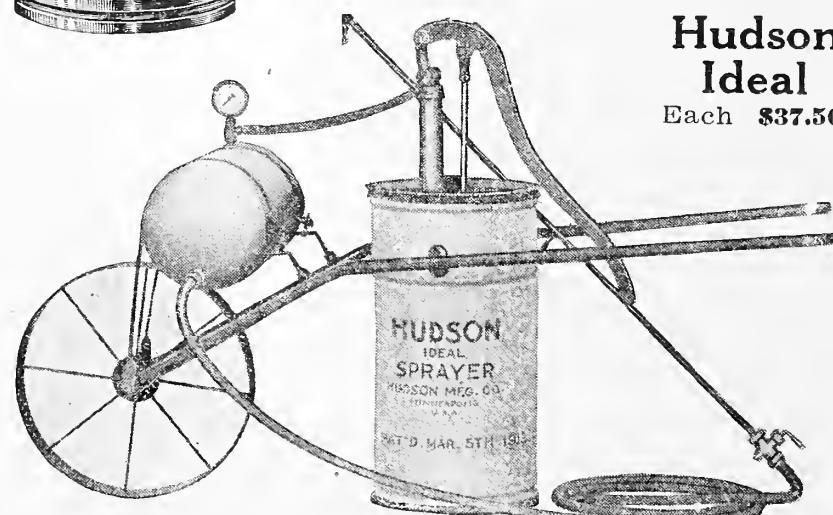


Hudson Sunshine

Two wheel sprayer. Slightly smaller than the Ideal. Has no pressure tank, but a pressure of 200 pounds can be kept with little effort. Price \$15.00 F. O. B. St. Paul.

Hudson Ideal

Each \$37.50



The Ideal is a high pressure portable outfit. Exceptionally handy for the orchardist or fruit-grower. Is a practical outfit for whitewash, coldwater paints, and other commercial purposes.

POULTRY FEED AND SUPPLIES

THE various products listed under this heading have been added only after convincing proof of their value in making for more scientific, cost reducing, and profitable, raising of poultry. Selling Gould's Reliable Feeds, Darling's Meat Scraps, Pratt's Baby Chick Food, Blatchford's products; Pratt's, Lee's and Dr. Hess's remedies, and products of similar high repute is what has built up Gould's reputation for quality.

We have gone over very thoroughly our whole line of poultry supplies and have added many new items in this year's book that are improvements over some of our previous supplies, which have been eliminated. We are trying to handle and list only the best and most modern poultry equipment obtainable. Read through the following pages carefully and file away for future reference. You may have need to refer to it many times during the course of the year.

Scratch and Growing Grain Feeds

THAT ARE PURE, WHOLESOME,
AND OF THE BEST QUALITY.

Prices See our Cackler and price list for prices on all feeds. These are corrected and issued about once a month so that our customers may

be kept informed of prevailing market prices. All quotations are F. O. B. St. Paul. If goods are to be sent by parcel post, add postage to remittance.

Gould's Reliable and Red Ribbon Scratch Feeds



Good, wholesome grains of enough variety to supply the nutritive value to meet the needs of the body of the fowl in maintaining good health, is very important.

Feeding any one grain in excess does not follow the principle of meeting the requirements of the hen, for maintaining good health.

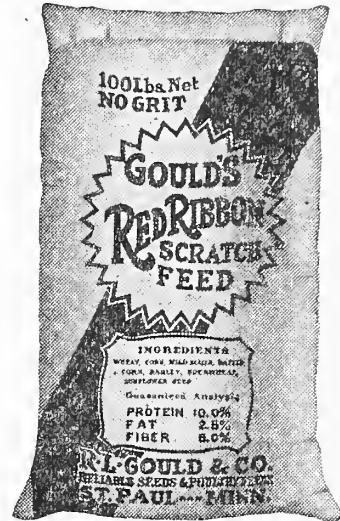
A fowl gets much more nourishment from a mixture of several grains, than from a feed containing only one or two kinds. This is a proven fact and is the difference between success and failure of many raisers of poultry. Gould's Scratch Feeds have the correct variety to insure full feeding value, for increasing the egg yield.

Gould's Reliable Scratch

Feed is composed of high grade wheat, cracked corn, milo maize, buckwheat, barley, oil cake and sunflower seed, thoroughly screened, and in proper proportion to be scientifically correct, for supplying all the needs of the fowls, in maintaining good health and vigor.

Gould's Red Ribbon Scratch Feed is composed of the same high grade seeds and grains as contained in Reliable, but differs in the mixture, in that it has a smaller percentage of sunflower seed and contains no oil cake.

Gould's scratch feeds can be fed in less amount than in most other scratch feeds, for it contains only the most wholesome grains, that give the greatest food value.

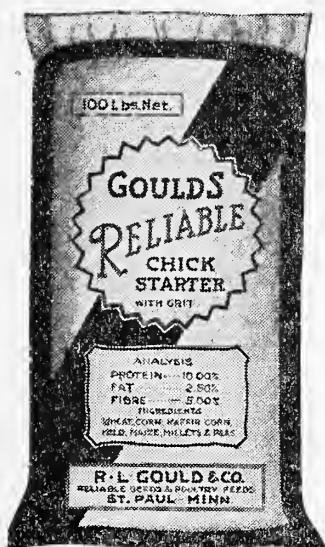


Gould's Starter, Chick and Developing Feeds

Gould's Baby Chick Starter

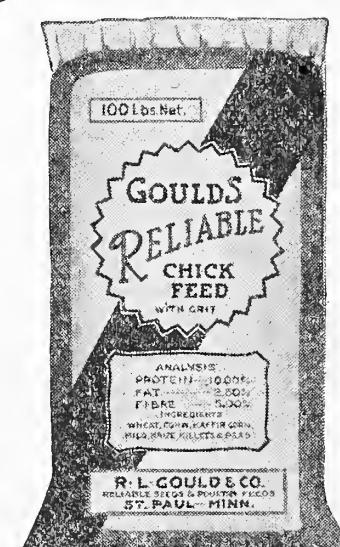
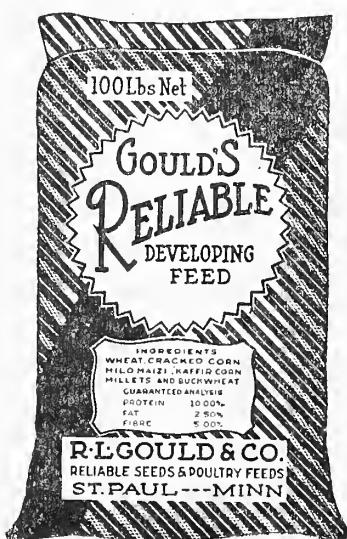
The first few weeks are the most critical ones in the life of a chick. Certain feeds are hard to digest and do not agree with the delicate organs of the small chicks; and unless an easily digested food is given, sickly chicks are the result. If they live they will be nothing but an expense, instead of producers.

Gould's Baby Chick Starter is a mixture of pure wholesome grains, screened to proper size, and containing a scientific mixture, easy to digest, that has all the different feeds needed to build up the chick and make rapid growth. As a rule, baby chicks do not exercise enough for the amount of food they eat. A little grit is therefore added to Gould's Baby Chick Starter, as grit helps in digesting and assimilating the food. Feed the Starter until chicks are about three weeks old, then change to a coarser mixture, Gould's Chick Feed. See Cackler for prices.



Gould's Developing Feed

Gould's Developing Feed has a greater variety of grains than the Starter or Chick Feed, and is milled to a larger size. Feed from the time chicks are six weeks old to when Gould's Reliable Scratch feed can be fed. Gould's Developing feed does not contain any grit, for by this time the growing birds should be active enough to digest and assimilate their food. Grit should, however, be accessible in a hopper at all times. Refer to Cackler and Price List for prices.



Gould's Chick Feed

This Mixture to be fed when chicks are three weeks old and up to six weeks is also high in protein and similar to the Baby Chick Starter, differing only in that the grains are of a little larger size. Giving the chicks the feed in proper size is the best economy and prevents waste. Gould's Chick Feed also contains a small percentage of grit. A perfectly balanced feed to promote rapid growth and build good health. Prices are given in Cackler.

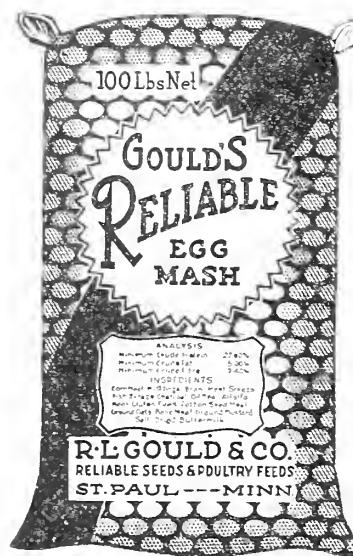


MASH—CHICK, AND GROWING FEED

POULTRY MASH

Has been proven by scientific and practical poultry breeders to be the one feed that makes poultry raising profitable. A reliable mash will cut the feeding cost to a minimum, yet being so rich in protein, it increases the egg yield to the very limit, by the egg producing food material it contains. Scratch feed alone does not increase the egg yield.

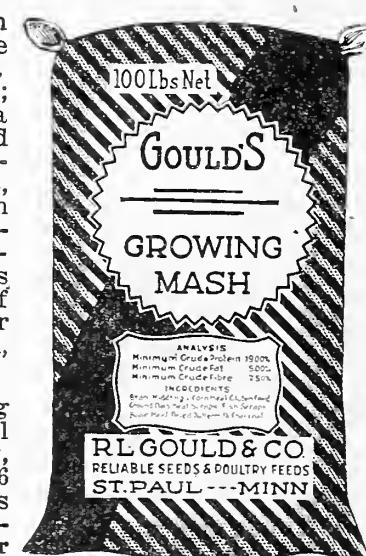
Gould's Reliable Egg Mash



Reliable has the highest percentage of protein of any Mash on the market, scientifically balanced as to fat and fibre material qualities. Results are sure and surprisingly quick in making the hens lay. Has in many instances increased the egg yield 50% in a very short time. Contains high quality Meat and Fish Scraps, Bone Meal, Gluten Meal, Oil Meal, Corn Meal, Wheat middlings, Wheat Bran, Crushed Oats, Cottonseed Meal, Alfalfa Meal, Buttermilk, Salt and Mustard in proper proportion.

GOULD'S RELIABLE MASH IS SOLD WITH OUR GUARANTEE TO PRODUCE RESULTS.

See our Cackler and price list for prices.



Gould's Growing Mash (With Buttermilk)

In raising chicks great care is necessary to obtain the proper feed. More chicks die from white diarrhea than from any other disease, mostly due to improper feeding.

Grain feed fed alone is hard to digest. The chicks need a soft feed or mash nicely balanced and easy to digest.

Feed with great care during the first few weeks and you are sure to have a much easier time in raising strong and vigorous birds. Much depends on good feeding. Gould's Growing Mash will save many a chick for you, and give you strong and healthier birds.

Gould's Growing Mash contains a good percentage of pure dried Buttermilk, which furnishes lactic acid; an aid to digestion, and a preventative of the dreaded white diarrhea. Also contains corn-meal, middlings, bran, meat scraps, fish meal, gluten meal, bone-meal, ground oats, and charcoal, all the food elements needed to build the frame of the growing chick, and for making good rich blood, flesh, and feathers.

Keep Gould's Growing Mash before the chicks all the time after the third day, and until the birds are 6 months old, when Gould's Reliable Mash should be substituted. See our Cackler for prices.



Pratt's Buttermilk Baby Chick Food

This "baby food for baby chicks" is made of sweet, wholesome, purest ingredients, and mechanically predigested. Every ounce is full of bone, muscle, feather and health builders. Chicks grow strong, vigorous, and sturdy, and are free from leg weakness and digestive troubles.

Millions of pounds of Pratt's Buttermilk Baby Chick Food are used annually by successful poultrymen all over the world. Use it for your chicks for the first month or six weeks and see the results. You'll pay for the food in the chicks you will save. Pratt's is a perfect food for young fowls. Equally good for young turkeys, guineas, ducks, pheasants, etc.

Sold in 2½ lb. cartons; and in 5, 10, 25, 50, and 100 lb. bags. See Cackler and price list for latest prices.

BLATCHFORD'S PRODUCTS

Chick Mash

Formerly Known as Milk Mash. Is perhaps without an equal as a first feed for the baby chick and as a developing food for the growing chicks. Is a complete milk equal feed, easily digested and guaranteed to prevent bowel trouble, leg weakness and the dreaded white diarrhea. Composed of the right combination of milk substitutes, meat and grains, forming a perfectly balanced ration, that produces at a low cost healthy and sturdy chicks. Refer to Cackler for prices.



Pig Meal

Is a milk equal feed for little pigs, that will carry them over the critical weaning period, and start them right, in growing big, husky hogs at a bigger saving in cost, than by feeding dairy milk. It gives the infant pig a gradual and safe change from sow's to the full grain ration or pasture. See Cackler for prices.

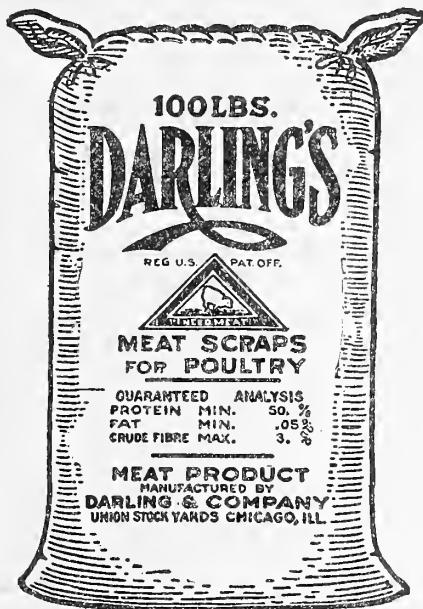
"Fill the Basket" Egg Mash

Supplies the surplus nourishment the hen needs for continuous egg production. Is every bit food, containing just the right combination of milk substitutes, meat and grains, carefully ground to the correct degree of coarseness necessary for complete and easy digestion. Prices quoted in our Cackler.

Calf Meal

Is a complete milk-substitute that will raise as good or better calves than if they had been allowed to run with the cows, at about one third the price that milk can be sold at. One pound of Calf Meal will make one gallon of sweet, wholesome, and nutritious milk-equivalent that builds up fine, handsome calves with fat, sleek bodies in much less than the usual time. See our Cackler for prices.





DARLING'S Meat Scraps

Has long been recognized by poultry experts as being the best meat-scrap on the market. Is made from clean, fresh trimmings of meat, thoroughly cooked, with every possible amount of water and grease extracted. This is why it contains more protein, and less fat moisture and waste than any other brand of meat scraps. Is free from any obnoxious odor and remains sweet and clean as long as a grain feed, kept under similar condition. Guaranteed analysis: Protein 50%; Fat $\frac{1}{2}$ of 1%; Fibre 3%. See Cackler for prices.

Fish Meal

Is recognized by leading poultrymen to be superior to Meat Scraps, as a poultry feed. Its increased demand each year is due to the good results and large amount of protein it contains. Analysis: Protein 50%. Fibre 1.5%; Fat 10%. See Cackler and price list.

Ground Bone

Furnishes the chick or grown fowl with the necessary element needed to produce bone and help build up the frame. Is made from fresh, clean bone, with the fat and moisture extracted. Should be before the birds at all times. Ground in three sizes, meal, chick, and medium. A very valuable feed during the growing and moulting period. 25 lbs., \$1.25; 50 lbs., \$2.25 100 lbs., \$4.00.

CHARCOAL

Charcoal is one of the greatest disease preventatives for poultry. It aids in digestion, purifies the blood and regulates the bowels and it is absolutely necessary that fowls, young and old have access to it at all times. We have charcoal in three sizes; fine, medium or coarse size, 25 lbs. \$1.00; 50 lbs., \$1.90; 100 lbs., \$3.50.

Genuine Eastern Shore

OYSTER SHELL

Contains carbonate of lime, of the same composition as egg-shell. As other feeds contain very little of this mineral matter, the hens need Oyster Shell at all times, to produce eggs. Our Eastern Shore shell is the best and purest to be had, but has many imitators of inferior quality. Many dealers sell Poultry Shell when Oyster Shell is ordered, while Poultry Shell is nothing but Clam Shell, which acts only as grit. Buy our genuine Eastern Shore Shell and notice the difference. 25 lbs., 45c; 50 lbs., 80c; 100 lbs., \$1.50.

GRIT

Mica Crystal Grit

Is a necessary aid in digestion for both small and large birds. Should be before the fowls in a hopper at all times. Contains iron, lime and other mineral elements that are needed as a tonic, shell and yolk maker. Ground in three sizes; chick, pigeon, and hen. 25 lbs., 40c; 50 lbs., 75c; 100 lbs., \$1.40.

"Two in One" Poultry Grit

Contains a large percentage of limestone. It not only furnishes the lime for the egg shell, but aids the digesting and assimilation of the food, which is so necessary in getting a maximum egg production. Two-in-one grit is a big help in developing the all-the-year-round egg layer. Price: 25 lbs., 35c; 50 lbs., 60c; 100 lbs., \$1.10.

Foust's Pigeon Health Grit

Has proven invaluable for 30 years in giving health, vim, and vigor to both young and old birds. Thousands of raisers have found it unequalled as a tonic and for fattening squabs. 25 lbs., 75c; 50 lbs., \$1.40; 100 lbs., \$2.75.

DARLING'S Meat Crisps

Is the highest grade meat feed that it is possible to produce. Is ground in two sizes, fine and medium. Put up only in 25 pound bags, 3 or 6½ lb. cartons. Three pounds of Meat Crisps contain about as much feeding value as 5 pounds of meat scraps. Has over 50 per cent more protein than ordinary meat scraps. Contains less fat, bone and fibre. Guaranteed analysis: Protein 75%; Fat $\frac{1}{2}$ of 1%; Fibre 3%. Refer to Cackler for prices.

Coliverol

Coliverol is Cod Liver Oil in powder form. This can be fed with dry mash at the rate of two or three pounds of Coliverol to 100 lbs. of mash. We believe this will be appreciated by the poultry raisers as a great improvement over the liquid Cod Liver Oil. It is shipped in 100-lb. air tight drums at \$20.00 per drum. Less than 10 lbs. at 30c per lb.; 10 lbs. to 100 lbs. at 25c a lb.

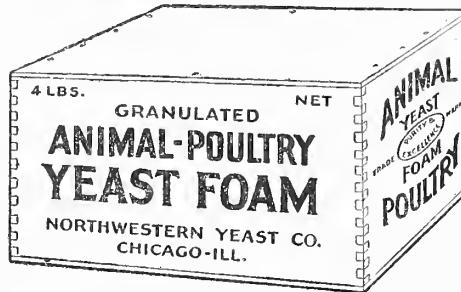
Standard Egg a Day

Contains the necessary bone, blood, and muscle building material. It revitalizes the cells from which eggs are produced. It is high in protein as well as health building minerals. Just what the overworked hen requires to carry her through the moulting season. 5 lb. carton 65c; 12 lb. carton \$1.25; 25 lb. pail \$2.50.

DRIED BUTTERMILK

Dried Buttermilk is pure fresh buttermilk with water only, removed, and nothing else added. Buttermilk resembles milk in composition except that it has less fat and contains lactic acid. Dried Buttermilk supplies not only protein but other very valuable food-stuffs not found in grains, meat scraps, fish meal, etc. Dried Buttermilk contains practically all the foodstuffs necessary for rapid growth. Is best to feed it dry mixed in with the mash; adding from 5 to 10% of the Buttermilk to the mash. We also have the coarse size for Hopper Feeding. See Cackler for prices.

Animal-Poultry Yeast Foam



Animal-Poultry Yeast Foam is indispensable to the poultrymen who desire to produce eggs—eggs which hatch into strong, liveable chicks. Scientists have demonstrated the value of yeast for animals, its marked effect on the development of the

vital organs of chickens, and on stimulation of appetite which gives the vim to the chicks to grow and hens to lay.

Animal-Poultry Yeast Foam contains 12% protein and 4.2% fat, but its chief value lies in its antineuritic and growth promoting vitamin and enzyme contents. The vitamin, when fed in the form of Animal-Poultry Yeast Foam, gives vigor to the animal and furnishes it with a factor vital to life. The enzymes, in which it is extremely rich, assists the birds in digesting their food, especially the starches found in such large quantities in all poultry feeds. This predigestion makes it possible for hens to utilize larger quantities of food more efficiently. The chicks use their food chiefly for growth and the hens use theirs for producing eggs and maintaining their body tissues.

4 lb. containers \$1.00

Postpaid.

Champion Dog Biscuits

Are famous as a perfectly balanced ration that will keep dogs healthy, vigorous and in good coat. Is made of clean, sweet meat, cereals and flour perfectly blended. Breeders of large kennels, find Champion Dog Biscuits the cheaper, and better food in feeding their animals. Sold in 2 lb. cartons at 40c; 4 lbs. 70c; 25 lb. bags \$3.00.

The Importance of Sanitation

The supreme importance of sanitation in controlling and eliminating infectious diseases, has been completely proven in the last few years. By proper sanitary measures, infectious diseases can be kept under control, and finally eliminated. Reinfestation may occur from outside sources and it is an important part of sanitation to protect against re-infection.

B-K (Bacili-Kil)

Bacili-Kil or commonly called B. K. is without a doubt one of the most powerful germicide and disinfectants, being even more effective than pure carbolic acid and still it is non-poisonous.

We do not hesitate to recommend it for general use in the home, poultry house or barns. A few drops in the drinking water will kill all germs and still be harmless to humans or animals. Trial size bottle, 35c; medium size, 65c; quart, \$1.25; 1 gal. jug, \$3.00.

Zenoleum

Is a disinfectant highly recommended by authorities. Kills lice, destroys mites, prevents white diarrhoea, cures roup and disinfects the coop. Zenoleum is a preventive of contagious diseases.

| | |
|--|--------|
| 8 oz. cans (weigh 2 lbs. packed) | \$0.35 |
| 1 pt. cans (weigh 3 lbs. packed) | .50 |
| 1 qt. cans (weigh 4 lbs. packed) | .75 |
| 2 qt. cans (weigh 6 lbs. packed) | 1.25 |
| 1 gal. cans (weigh 12 lbs. packed) | 2.00 |

Sodium Fluoride

The U. S. Department of Agriculture highly recommends the use of Sodium Fluoride, a fine white powder, for freeing the fowls of lice. One application will entirely rid the birds of lice. Place a pinch of the powder next to the skin on the head, neck, back, breast, abdomen, near vent, tail and wings; distribute each pinch about the base of the feathers at each place. One pound should treat about 125 birds. 1 lb. 50c.

Vaccinate Poultry

Among the more common diseases for which Beebe Avian Mixed Bacterin is known to produce results are Roup, Diphtheria, Colds, Canker, Chicken Pox, Cholera, Fowl Typhoid, Catarrh and Pneumonia.

PRICES BEEBE AVIAN MIXED BACTERIN

| | |
|-----------------------------|--------|
| 40 doses (20 c. c.) | \$1.45 |
| 200 doses (100 c. c.) | 4.00 |
| 500 doses (250 c. c.) | 7.50 |

TUBERCULOSIS is Ruining Thousands of Flocks of Chickens in the United States.

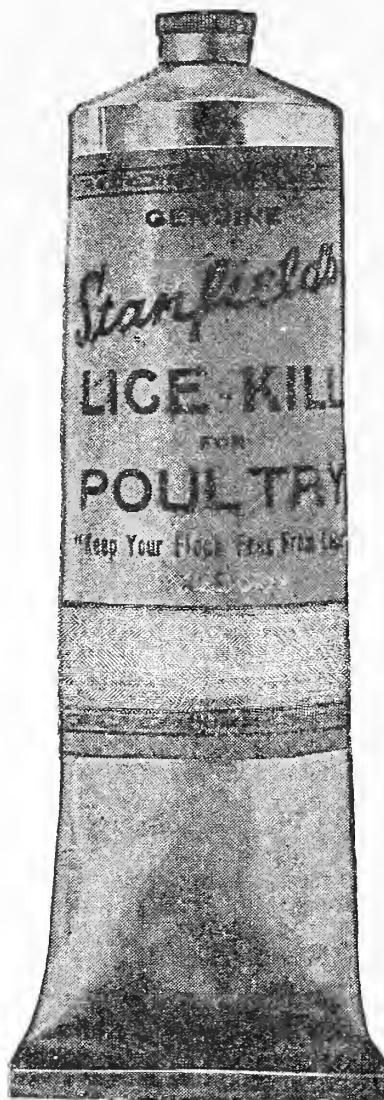
There are no dependable symptoms for Tuberculosis. Some badly affected fowl will appear in the best of flesh and have good appetite. The only way to determine definitely whether or not fowls are affected is by the Tuberculin Test.

PRICES DR. BEEBE'S AVIAN TUBERCULIN

| | |
|----------------------------|--------|
| Enough for 50 tests | \$1.25 |
| Enough for 200 tests | 4.00 |

Barnes Worm Emulsion

Barnes Worm Emulsion seems to have solved the worm problem for poultry raisers. It is not only a worm remedy but it is also a health builder. Most worm remedies require the starving of poultry while giving the treatment, which weakens the birds and makes them more susceptible to disease. Barnes Worm Emulsion works just the opposite for while ridding the birds of worms it is building them up and strengthening their bodies. A 32 page booklet entitled "Common Sense Vs. Worms" may be had for the asking. Pt. size, 60c; Qt. size, \$1.00; Gallon, \$3.00. Postage extra.



Stanfield's Lice-Kill

Kills Body Lice on Chickens

Head Lice on Chicks

Also Used for Scaly Leg

One of the cheapest and best lice-killers; guaranteed to kill every louse on the fowl or money will be refunded. One application of the Lice-Kill will sometimes be enough to keep the fowl free from lice for a whole year. Twice a year is, however, the usual treatment in keeping the birds absolutely free from vermin.

Tube, for 200 fowls (postpaid), 60c.

Two tubes (postpaid), \$1.00.

Oculum

Is a scientific germicide that destroys disease germs in the bowel and keeps the fowls healthy. Every poultry raiser should have Oculum on hand, ready for use at all times. Is a sure cure and preventive for Cholera, Roup, White Diarrhoea, Sorehead and Gapes. Gives truly wonderful results. Bottles at \$1.00; and pint bottles \$1.75 postpaid.

Standard Protexal Louse Powder and Disinfectant

This is especially recommended for lice on horses and cattle. Can be used winter or summer. 3 lb. carton 75c; 7 lb. can \$1.50; 10 lb. pail \$2.00, postage extra.

They're safe from Worms
when they are on

BARNES WORM EMULSION

Pin worms - Round worms - Tapeworms

Easily Fed in Water or Mash

DIGESTION & ASSIMILATION vs EXPELLING & RE-INFESTATION — VITALITY BUILDING FOOD vs POISONS ACIDS SALTS

Poultry Remedies We Recommend

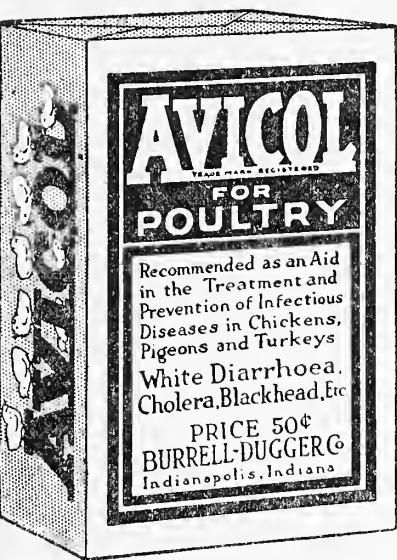
AVICOL Stops Chicks Dying

Guaranteed For WHITE DIARRHEA in Chicks
and Black-Head in Turkeys

Almost from the very moment you put Avicol in the drinking water, the sick chicks start to get well. Usually within 48 hours, the very ones that seemed too weak and sick to live, are running around as lively as crickets. After a few days it will be hard for you to tell just which chicks had been sick and dying. They will all be so lively and active, the very picture of health.

Use Avicol for Prevention and Treatment

Don't sit back and say your loss of baby chicks can't be stopped. It CAN BE STOPPED—easily, quickly, and at almost no expense. All you need do is drop an Avicol tablet in the water occasionally. Avicol is a special bowel antiseptic. It stops disease and prevents its spread by destroying germ life and helping the chick withstand infection. Price, 50c; special large size (almost 3 times 50c size), \$1.



DON SUNG Chinese for Egg-Laying

Make Hens Lay in Any Weather

We Guarantee you—More Eggs or No Pay

"Hens won't lay in Fall and Winter," used to be accepted as a fact. But anyone who has tried Don Sung knows that hens will lay right through the zero spells of winter, and all other cold or wet seasons. Some may doubt this—and you may be one of them. But if you don't at least try Don Sung, you are missing some sure, easy profits from extra eggs.

A Mineral Compound that Scientifically Helps Nature

Don Sung doesn't force or hurt the hen in any way. It is a balanced mineral conditioner. It improves the hen's health, tones up her egg-laying organs, and makes her stronger and more productive. It helps supply, during Fall and Winter, those mineral elements, lacking in the feed at that time.

Costs Nothing to Try—Give Don Sung to 15 hens for 30 days. If it doesn't show you a big increase in eggs, if it doesn't pay for itself and a good profit, your money will be promptly refunded. Prices: Trial size, 50c; large size, \$1; holds 3 times the 50c size.



Trakol

For Gapes in Chicks.

When gapes starts in your flock, get the best of it promptly or it may kill all your chicks. Get Trakol and watch it quickly master the situation. Easily given in the drinking water. Guaranteed. Price 50c.

Talcimized Sodium Fluoride Best Thing for Lice

U. S. Government Recommends New Chemical
Destroys Even Young Lice as They Hatch

The U. S. Dept. of Agriculture says, "Nothing is as satisfactory as Sodium Fluoride. It kills both old and young lice, including the young which hatch from the eggs present on the fowl at time of treatment." Talcimized Sodium Fluoride is the form for poultrymen to use, and it is specially made for poultry. It is less irritating, and is so light and fluffy that it penetrates the plumage. It is in a handy sifter-top can that keeps it protected. Carries the Government's directions for use by the "dusting," "dip" and "pinch" method. Prices: small size (enough for 40 chickens), 35c; large size (twice as much), 60c; special size (five times the large size), \$2.50.

Roup-Over

TRADE-MARK
"The Over-Night Roup Remedy"
For ROUP
COLDS and CANKER



A New Prompt and Positive Guarantee Treatment

Roup works fast. It usually begins with a cold. After that, the disease progresses rapidly. It is very contagious and can soon kill every chicken you own. Roup is one of the most serious of poultry diseases. Keep Roup-Over on hand and at the first symptoms of a cold in your flock, give it to every affected bird. It clears the air passages and brings relief with magic quickness. Easily given. Comes in a liquid form and a few drops does the work. Fully guaranteed. Price 50c; large size (three times 50c size) \$1.

We Guarantee

Pratts**REMEDIES AND TONICS**

To do exactly what we claim for them.

Pratt's Poultry Regulator

Builds up the vitality, digestion, and appetite, also increases the egg production. Packages 25c, 50c, \$1.10. Bags 12 lbs., \$1.40; 25 lbs., \$2.50.

Pratt's Healing Ointment

Gives speedy relief and cure to sores, cuts, scratches, wounds, burns, scalds, barb-wire cuts, eruptions, eczema, and itching. For man or beast. 30c and 60c packages.

Pratt's Head Lice Ointment

Is non-poisonous to the chick yet it will kill those blood sucking insects that weaken the chick so that it becomes an easy prey to disease. Also good for Scaly Leg. Tube at 30c.

Pratt's Poultry Disinfectant

Is a wonder worker for spraying chicken houses, roosts, dropping boards, etc., and is sure death to lice and mites. 55c a qt.; 90c 2 qt. size; \$1.50 for 1 gallon can.

Pratt's White Diarrhoea Tablets

Can be depended upon to protect the young chicks from this life taking disease if given in the drinking water from the first. 50c and \$1.00 packages.

Pratt's Roup Tablets or Powder

Works quickly as a preventative or remedy against roup, colds, catarrh, etc. Purifies the systems, reduces fever, and allays inflammation speedily. 25c, 50c, \$1.00 packages.

Pratt's Red Mite Special

Is guaranteed to kill those blood sucking pests. Perches, dropping boards, sides of houses, and roof near perches should be sprayed weekly. 1 qt. 55c; 2 qt. 90c; 1 gal. can \$1.50.

Pratt's Cow Tonic 4½ lb. package \$1.00.

DR. HESS'S PREPARATIONS**Dr. Hess Poultry Pan-a-ce-a**

Comes as near being a cure-all as any remedy on the market. Acts as a corrective and tonic on the dormant egg organs as well as on the digestive organs. Contains internal antiseptics that counteract disease. Is invaluable to the poultry raiser. 25c, 75c, and \$1.50 packages; 25 lb. pail \$3.00; 100 lb. drum \$10.00.

Dr. Hess White Diarrhoea Remedy

Is guaranteed to satisfy in the treatment of diarrhoea in either chicks or large fowl. 50c and \$1.00.

Dr. Hess Dip and Disinfectant

Is a sure germ and parasite destroyer, good as a dip or for spraying. One gallon of dip makes from 70 to 100 gallons of effective solution. Put up in pt. size at 40c; 1 qt. 65c; ½ gal. \$1.15; 1 gal. can \$1.75.

Dr. Hess Roup Cure

Will cure the most obstinate case of this very troublesome disease. Sold in packages at 50c and \$1.00.

LEE'S REMEDIES AND PREPARATIONS**Lee's Lice Powder**

Is a destroyer of vermin yet perfectly harmless to the chick or fowl. For the setting hen, dog, horse or cow during mid-winter a little of the powder applied and well rubbed in, effects wonders, if they are infected with vermin. Put up in convenient sprinkler top cans at 25c and 50c.

Lee's Lice Killer

Is put up in liquid form. It kills both by vapor and by contact. It gives double service. Painted on the roosts, it kills insects with which it comes in contact, and the vapor arising from it kills lice on the bodies of the chickens as they roost over it at night. Qt. 60c; 2 qt. size, 90c; 1 gallon \$1.50.

Lee's Egg Maker

Is a very nourishing feed for penned up poultry, for chicks of over ten days, and for pullets during the moulting season. Put up in package form at 40c, 90c and 12 lb. pail \$2.00; 25 lb. pail \$3.75.

Lee's Poultry Wormer

Rid the worms from your chickens and keep them out. Worms today can be found in practically every flock. Worms sap the vitality of the fowl until it has no strength to resist disease.

12-ozs. for 24 fowls.. \$1.00 32-ozs. for 65 fowls.. \$2.00

Egg-O-Hatch

Is a powder to be mixed with water and applied to eggs by either dipping or spraying during the hatching period. Greatly strengthens the chick by directly supplying it with oxygen and absorbing the carbon dioxide given off. This results in a greatly strengthened chick. Also weakens the shell. 50c a jar. Postage 5c additional.

Pratt's Special Compound

Is administered in the drinking water, and is guaranteed to cure cholera, sour crop, indigestion and bowel troubles in short order. 50c a package.

Pratt's Scaly Leg Ointment

Kills the parasites which cause the trouble, and will effect a complete cure in a few days. Also promotes a new and healthy growth of skin to take the place of the diseased parts. Sold in 25c and 50c packages.

Pratt's Sorehead Chicken-Pox Prescription

Will clear up the ugly looking chickenpox sores, smooth out the plumage, and restore to health and vigor very quickly. In 30c and 70c packages.

Pratt's Lice Killer (in powder form)

Kills all lice on fowls very quickly, also rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. Packages 30c and 50c.

Pratt's Bronchitis Remedy

Will relieve this sickness among poultry instantly, and will also act as a preventative for colds and simple catarrh. Sold in 25c and 50c size packages.

Pratt's Condition Tablets

Have a very bracing effect and add flesh to birds who are run down through colds and similar troubles. At 25c and 50c a package.

Pratt's Lice Salve

Is an ointment more powerful than the Head Lice Ointment and is intended for use on almost or full grown birds. One application is effective for a long time. Price 25c and 50c.

Pratt's Gape Compound

Is unfailing and expels quickly the worms that cause gape. Packages at 25c and 50c.

Pratt's Poultry Worm Powder 2½ lbs. 50c.**Dr. Hess Instant Louse Killer**

Kills lice on poultry, horses and cattle; also kills sheep ticks, bugs on cucumber, squash and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in sifting top cans at 25c and 50c.

Dr. Hess Fly Chaser

Is popular on account of its long-lasting properties and results that it gives. Is sold with a guarantee to give satisfactory results when used as directed. Will keep your stock contented and rid your barn of flies and mosquitoes. Sold in 2 qt. size 95c; 1 gal. \$1.50.

Dr. Hess Stock Tonic

Add to the ration daily and keep every animal up to his consuming, digesting, producing capacity; then you are feeding at a profit. Makes ailing animals healthy—the whole herd thrifty—it expels worms.

4½-lb. package 50c; 10-lb. package \$1.25; 25-lb. pail \$3.00.

LEE'S REMEDIES AND PREPARATIONS**Lee's Germozone**

Is one of the very best remedies for poultry affected with colds, cholera, roup, bowel trouble, sour crop, sore head, etc. Being soothing and non-irritating it is especially valuable in treating diseases of the delicate mucous membrane. Equally as useful for man, beast or fowl. Many poultry raisers keep their flocks healthy by adding Germozone to the drinking water once a day, or twice a week, thereby killing the germs that cause disease. PRICES.

| | |
|------------------------------|--------|
| 4-oz. bottles, liquid | \$.40 |
| 12-oz. bottles, liquid | .75 |
| 32-oz. bottles, liquid | 1.50 |
| Gallon bottles, liquid | 4.50 |

Tablet Form.

| | |
|---|--------|
| 20 tablets (makes 4-oz. liquid) | \$.25 |
| 75 tablets (makes 16-oz. liquid) | .65 |
| 200 tablets (makes 42-oz. liquid) | 1.25 |

Tablet form can be mailed.

Egg-O-Latum for Preserving Eggs

Is a preservative of eggs of the highest order, far superior to water glass, in preserving eggs. Egg-O-Latum is an ointment that is easy to apply to the eggs, from 6 to a dozen a minute being an easy matter, and if eggs are fresh when Egg-O-Latum is applied, they will stay that way for a year if necessary. It protects the eggs from air, moisture, odors, germs and decay. Eggs coated with Egg-O-Latum can be boiled, fried, poached or whipped the same as fresh eggs, in reality they are fresh eggs. Egg-O-Latum is colorless, odorless, tasteless and non-poisonous, put up in convenient 50c and \$1.00 jars. Add 5c for postage.



CARBOLA

The Disinfecting White Paint

THE POWDER OF MANY USES

CARBOLA is a white paint and powerful disinfectant combined in powder form. It is ready to use as soon as it is mixed with water. It can be easily and quickly applied to building interiors with brush or spray pump. Disinfects and dries pure white. Does not flake or peel off. *One pound covers 100 sq. ft.*

CARBOLA makes buildings light, clean, sweet-smelling and sanitary. Helps to prevent contagious diseases among live stock and to keep poultry, cattle, horses, etc., free from lice, mites and other parasites. Recommended by leading agricultural colleges, experiment stations and health authorities for use in poultry houses, stables, dairies, hog pens, cellars, garages, dog kennels, rabbit hutches, factories, warehouses, out-buildings, on trees and tree trunks, and in the garden.



IN THE CHICKEN HOUSE

To paint and disinfect side walls, ceilings, roosts and brooders. Helps keep the birds free from lice and mites and the buildings clean, light and sanitary. Sprinkle it in the nests and rub it into the birds. The dry powder is an excellent louse powder.

IN THE BARN

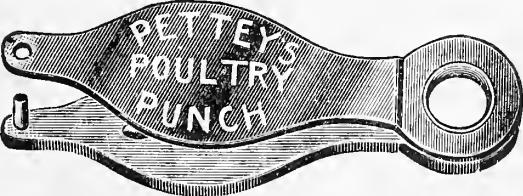
To paint and disinfect side walls, ceilings, stalls, etc., as an aid to cleanliness and prevention of tuberculosis, foot and mouth disease, and other contagious diseases. Spread the dry powder on floor where the cow stands. Use it as a louse powder. Wash hands with powder before milking.

PRICES

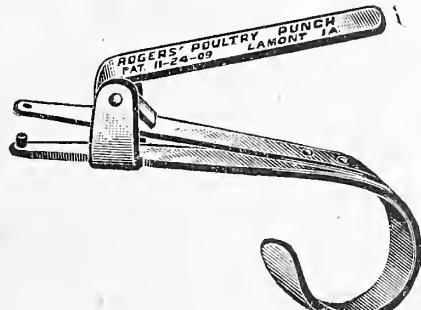
| | |
|--|--------|
| 5 lb. package (postage extra) | \$0.75 |
| 10 lb. package (postage extra) | 1.25 |
| 20 lbs. delivered | 2.50 |
| 50 lbs. bag, delivered | 5.00 |
| 25% Additional in Rocky Mountain States. | |



Pettey's Baby Chick Poultry Punch



For punching identification hole in web between the toes. A 11 steel, nickel plated, punched a clean hole that will not bruise the foot, 25c, postpaid.

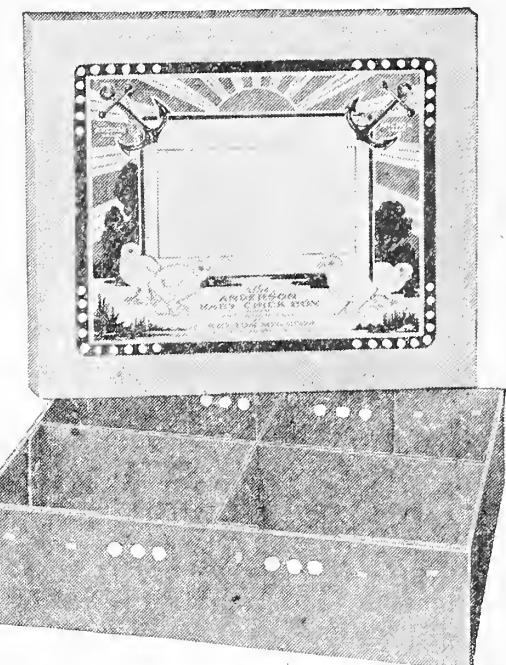


Roger's Baby Chick Poultry Punch

Is guaranteed to give satisfaction or money will be refunded. Is easy to operate, and cuts a clean neat hole. Each 45c postpaid.

Improved Anderson Chick Box

Dozen Prices Must Apply on Full Dozens Only.



Is the lightest, strongest and most attractive chick box on the market for shipping Baby chicks long distances safely. Is made of strong corrugated paper that will protect the chicks from getting chilled, also ventilated to prevent suffocation.

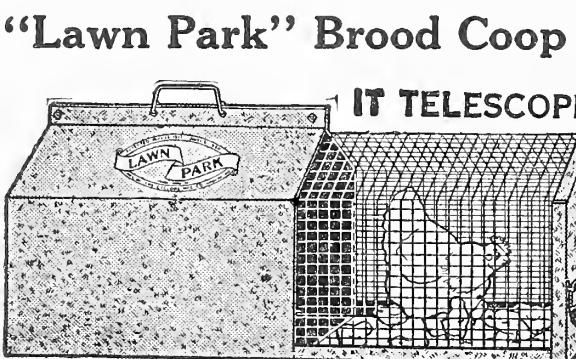
| Each | Dozen |
|---|---------------|
| 25 chick size. Weight, doz., 9 lbs..... | \$0.20 \$1.15 |
| 50 chick size. Weight, doz., 14 lbs..... | .30 1.55 |
| 100 chick size. Weight, doz., 24 lbs..... | .40 2.15 |

(100 chick size boxes by the dozen cannot be sent by parcel post. Single boxes can.)

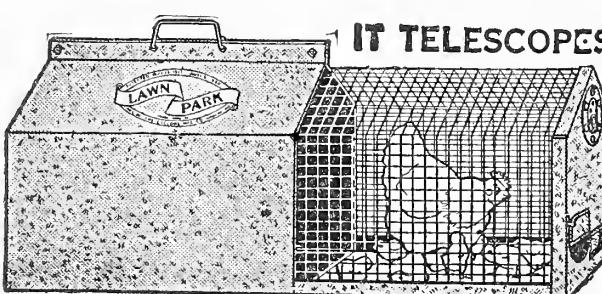


Non-Parking Brood Coop

Here is the most practical coop, without a park, made. Has a new style sliding top through which coop can be cleaned or eggs gathered, and a special ventilator at the rear which provides plenty of fresh air without the least possibility of chilling the chicks. Is 19 inches high, 20 1/2 inches long and 17 inches wide. Each \$2.00.



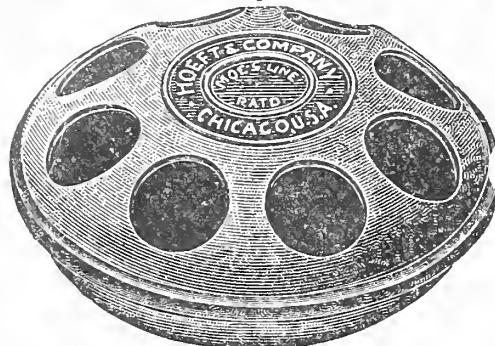
The "Lawn Park" Brood Coop



Made entirely of galvanized materials, and is as perfect and safe a coop as one would want. Protects chicks against rats, cats, vermin, cold and bad weather. The park feature permits the chicks to have plenty of sunshine and fresh air, also to range on the grass. Coop is easy to move from place to place as desired. Coop is roomy, being 18 inches wide, 19 1/2 inches high and 48 inches long, with park extended. Price \$3.75.

Before using any new galvanized container for sour milk, it should be treated by allowing sour milk to stand in it for 24 hours then thoroughly cleaned.

Round Baby Chick Feeders



Can be used for feed, water, or milk, keeps the feed or water clean and pure.

No. 11, with 8 feeding holes, 15c each. Doz. \$1.75. (Each feeder weighs $\frac{1}{4}$ lb.)

No. 12, with 12 feeding holes, 25c each or \$2.75 a dozen. (Each feeder weighs $\frac{3}{4}$ lb.) Postage Extra.

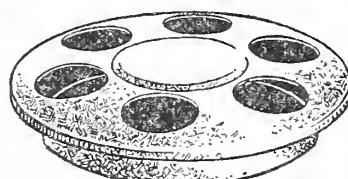
Wall Chick Feeders

Made of 28 gauge galvanized steel, absolutely rust-proof.

The sloping top prevents the chick from roosting on feeder and wire screen prevents them from wasting the feed.

10 inches wide \$1.20
Weighs 6 lbs.
20 inches wide 1.50
Weighs 7 lbs.

Baby Chick Feeders



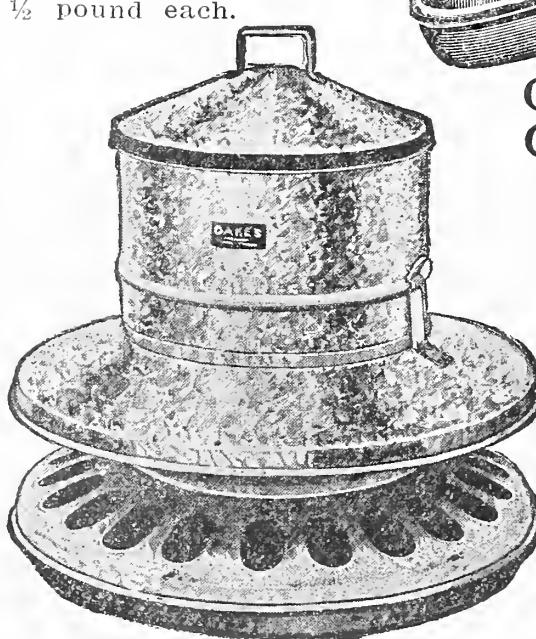
Can be used for dry feed or water. Is made of rust-proof metal. The top fits firmly to the bottom but can be easily removed for cleaning and refilling. Keeps the feed clean and sanitary. Price 10c each. (Dozen weigh 5 lbs. packed.)

Round Jar Fountain

The Jar Fountain to be used with a Mason Jar. The pan is made of rust-proof metal. It is one of the most convenient, practical, low priced fountains made. 10c each; \$1.00 per doz.

Moe's Star Jar Fountain Base

Manufactured only in the one size. Can be used for feeding water, grain, grit, shell, etc. Made of a one piece non-rusting metal. Will fit any Mason jar. Is convenient, cheap and sanitary, especially handy in the feeding or watering of baby or small chicks. Provides greater drinking surface than round fountains do, and is deservedly popular with raisers of small chicks. Sold only without the jar at 10c each. Dozen, \$1.00. Postage additional. Base weighs $\frac{1}{2}$ pound each.

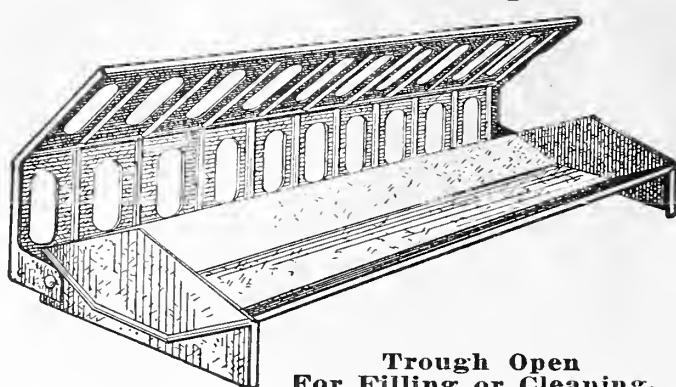


Oakes Round Chick Hopper

Made of galvanized steel. Has cone to keep feed from clogging. Trough is covered with lid which can be lowered at night, making hopper rat and mouse proof.

A neat, practical and durable hopper. Height 14 inches; diameter of hopper, 7 $\frac{1}{2}$ inches; diameter of pan, 12 inches. Shipping weight, 5 lbs. Price each \$1.75.

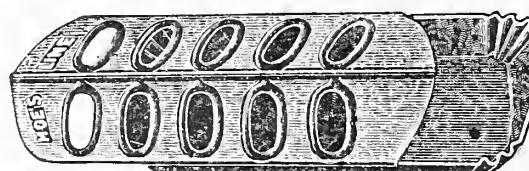
Hinged Cover Chick Trough



Trough Open
For Filling or Cleaning.

Because of the special hinged cover these troughs are economical, sanitary and convenient to fill, and as easy to clean as a china dish. The troughs are made with ten to twenty holes, through which the chicks feed, making it impossible for them to run over the feed, spill or pollute it in any way. These are excellent devices for feeding dry mash, hard grain, grit or water. Troughs are made of coated galvanized metal. Special ends hold the bottom of the troughs off the ground to insure longer life and avoid spilling of feed. No. 10, 10 inches, price 30c each, (shipping weight 1 $\frac{1}{2}$ lbs.). No. 20, 20 inches, price 45c each, (shipping weight 2 lbs.).

Eclipse Feeding Trough



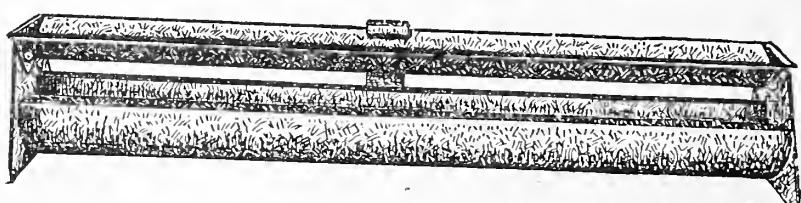
A popular priced trough, made of galvanized iron for feeding Chicks and pullets. Sliding top makes

them very convenient and easy to fill and keep clean. No. 27, 10 inches long 25c, postpaid 35c. No. 28, 20 inches long 40c, postpaid 60c.

No. 69 and 70 are aluminum instead of galvanized iron.

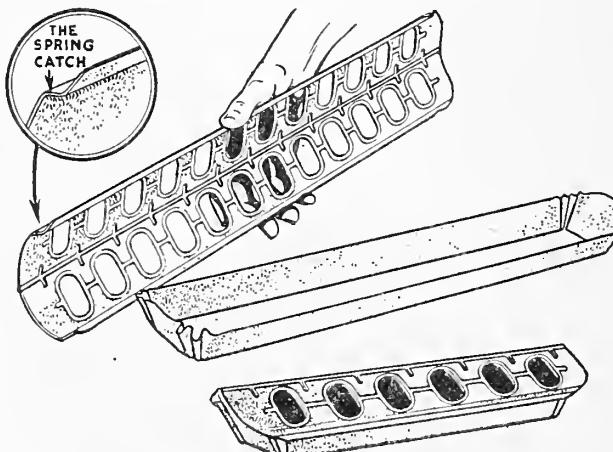
No. 69, 10 inches long 50c, postpaid 60c
No. 70, 20 inches long 90c, postpaid \$1.10

"No Waste" Chick Trough



A trough protected by a "V" shape guard to prevent the chicks from polluting the feed by running over the top. It also keeps out the grown fowls. The top of the feeder is hinged which makes it easy to open and close for filling and cleaning. This feeder is made in two sizes of heavy galvanized iron. It's one of the most practical feeders ever placed on the market. Always supplies clean, sanitary feed. No. 20A, 20 inches, price 40c each, (shipping weight 2 lbs.). No. 30A, 30 inches, price 65c each, (shipping weight 6 lbs.).

Spring Cover Trough

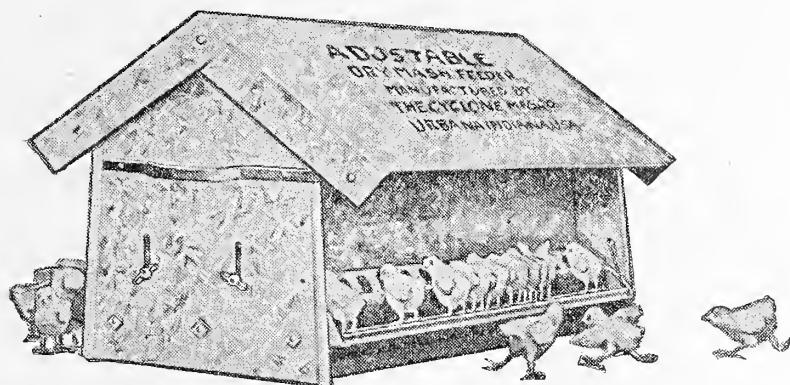


Is quickly closed by placing the cover over the trough and pressing down causing the spring cover to lock into place.

Galv. No. 14 is 11 in. long with 12 openings. 20c each.

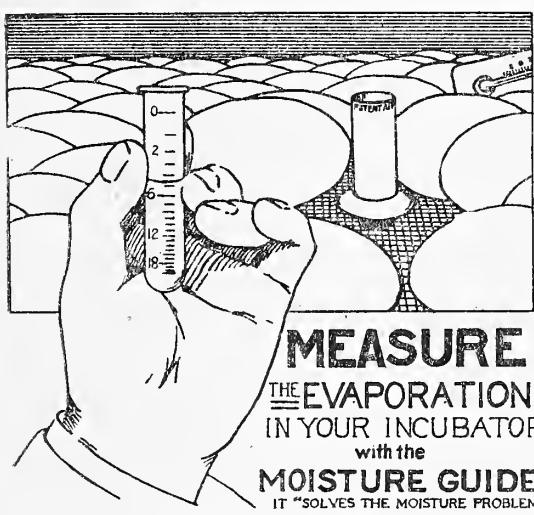
Galv. No. 23 is 21 in. long with 24 openings. 30c each.

Adjustable Dry Mash Feeder



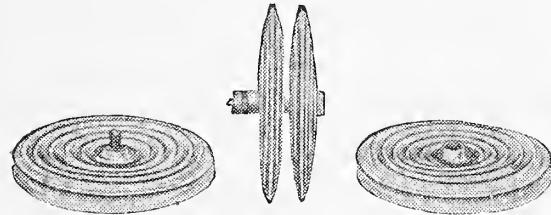
May be adjusted to feed baby chicks, growing chicks or full grown fowls. No. 35 capacity 1 bushel, \$6.50 each.

Incubator Moisture Guide



Is not a Hygrometer, but it is a scientific and practical evaporation measure which tells accurately when to add moisture or give more ventilation. With this guide in your egg tray you always have an authentic check on the evaporation taking place in the eggs day by day. Postpaid \$1.00.

Reliable Brass Wafers for Thermostats



Control of Incubators or Brooders. We have several styles on hand and we can obtain wafers to fit any incubator or brooder. Postpaid \$1.00 each.

"Tycos" Incubator Thermometer

Is the most accurate and reliable thermometer on the market. Incubators are useless without a reliable thermometer.

No. 5770 is made with metal legs and can be adjusted to almost any position desired. Each 90c.

No. 5774 is made to hang up or lay on top of eggs. Each 80c. Add 10c for postage and insurance.

"Tycos" Brooder Thermometer

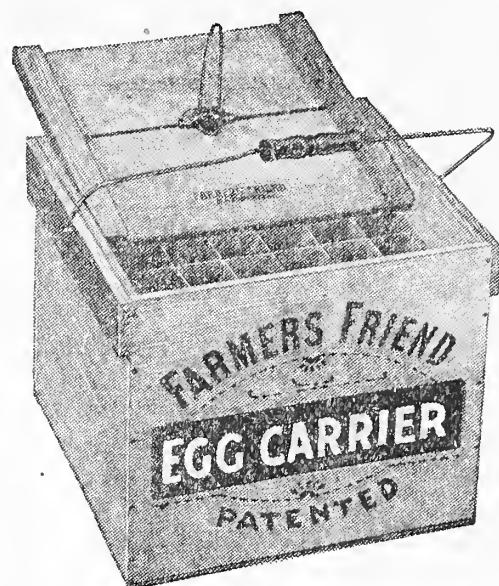
Its magnifying lens makes it easy to read accurately. Each 60c. Add 10c for postage and insurance.

"Tycos" Incubator Hygrometer

Gives you an accurate record of the moisture in your incubator, preventing loss of chicks from improper moisture conditions. Each \$1.75. Add 10c for postage and insurance. Extra wicks 15c each.

Farmer's Friend Egg Crate

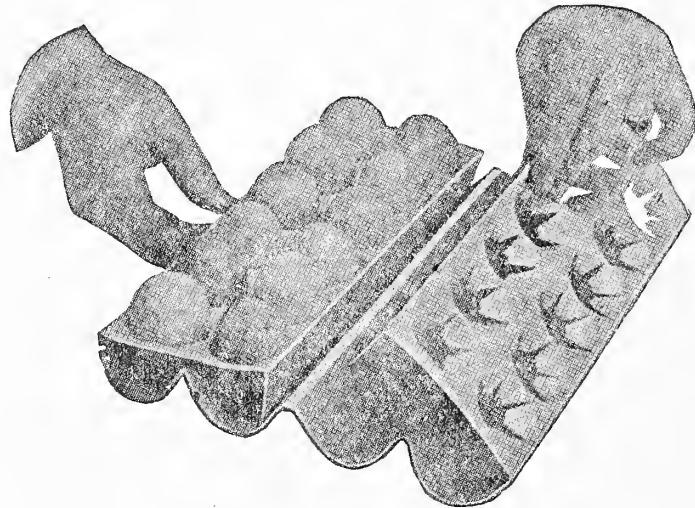
Is one of the most popular and convenient carriers made for shipping eggs by Parcel Post or Express. Its solid wood walls protect eggs against breakage even in rough handling. Is light in weight, yet very durable.



| Capacity | Weight | Each |
|----------|--------|--------|
| 6 dozen | 5 lbs. | \$0.80 |
| 9 dozen | 7 lbs. | .90 |
| 12 dozen | 8 lbs. | 1.00 |
| 15 dozen | 9 lbs. | 1.10 |

Continental Folding Egg Carton

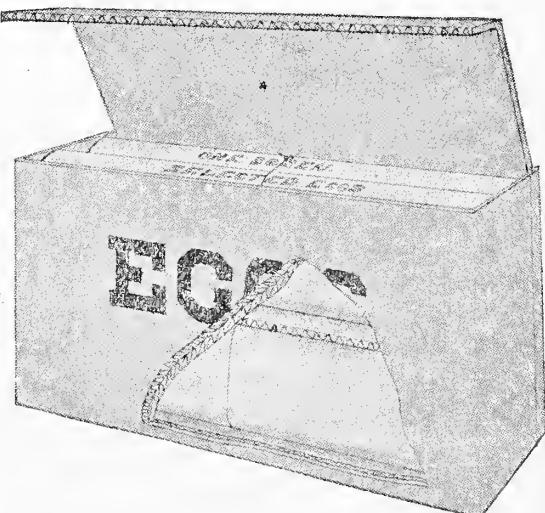
Is the cheapest carton on the market yet its cushion-like construction makes it very safe for the protection of eggs against breaking.



| | | |
|-------------------------|-------|--------|
| 1 dozen (weighs 3 lbs.) | | \$.25 |
| 100 (weighs 22 lbs.) | | 1.90 |
| 250 in a carton | | 4.00 |
| 1,000 | | 15.00 |

Bullis Egg Cartons

Are made light, yet safe for sending eggs by Parcel Post. The outside corrugated box and inside egg filler makes it doubly safe in shipping eggs. Cartons are sent to you folded, but can be put into shape in a second. Makes a strong and safe carton for sending domestic or hatching eggs.



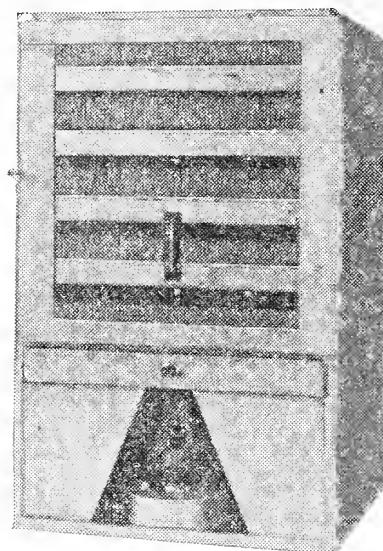
| Size | Each | Dozen | Case of | Each Carton weighs |
|---------|--------|--------|-----------|-----------------------|
| 1 doz. | \$.15 | \$1.50 | 50—\$5.00 | 10 ounces |
| 2 doz. | .20 | 2.25 | 25—4.00 | 18 ounces |
| 3 doz. | .30 | 3.00 | 25—5.50 | 1½ pounds |
| 4 doz. | .35 | 3.50 | 25—6.90 | 1¾ pounds |
| 10 doz. | .65 | 7.00 | 10—5.60 | 4 pounds |



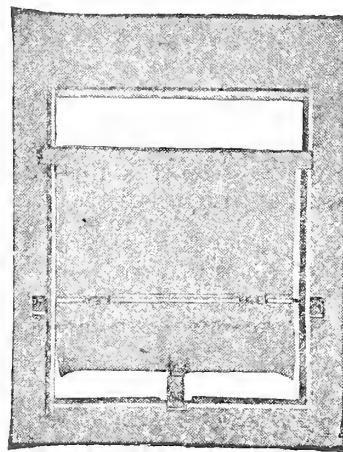
Gould's Reliable Oat Sprouter

This popular sprouter grows oats quickly, which is so necessary to get the best results and best feeding value out of the sprouts. Sprouter is made entirely of galvanized steel, is very simple to work, and will give many years of continuous service with ordinary care. Lamp, thermometer, and full directions for operating with each sprouter. No. 1 has 4 trays, measuring 13x13 each, that will furnish a feeding capacity for 100 to 150 hens. Price \$8.50.

No. 2 has 5 trays that measure 18x18 each, with a feeding capacity for 200 to 300 birds. Price \$12.50.



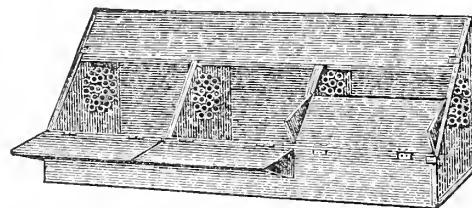
Gould's Reliable Oat Sprouter



Oakes Trap Nest Fronts

Oakes Sanitary Galvanized Steel Hen's Nest

These Metal Nests are made to rest either on a shelf or other support or hang against a wall.



Each Compartment is 11 inches wide, 13 inches deep, and 12 $\frac{1}{2}$ inches high at the back. In 3 compartments only, at \$3.25.

Capital Shipping Coops

Capital shipping coops are built of strong but light dressed lumber. Thoroughly protects the fowls, while assuring them plenty of air. It is made extra high so that the heads and combs of the fowls are protected and arrive undamaged.

Number 1, 22x12 and 24 inches high, for single males, two females or small pairs. Each, \$1.00; 6 in a bundle. K. D. \$5.50.

Number 2, 22x20 and 24 inches high, for trios or 4 females. Each, \$1.25; 6 in a bundle, K. D., \$7.00.

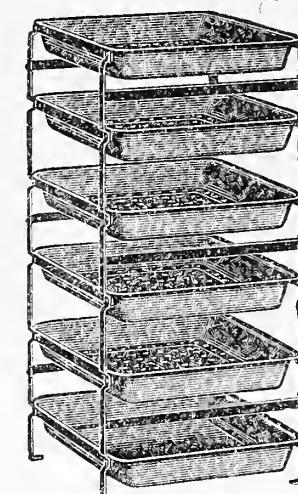
Des Moines Brooder House

Is built to meet the needs of every poultry raiser, whether in town or on the farm. Has double floor, matched fir sides and ends, tongued and grooved throughout. Easy to keep warm in the coldest weather, yet perfectly ventilated. Two large windows complete with glass cloth flood the floor with sunlight. Every piece of lumber used in the Des Moines Brooder House is Creosote treated, making it secure against dampness, lice, vermin. It is 8 feet square, 6 feet 6 inches high on the inside and 4 feet high at the eaves. Has capacity for 500 chicks.

This complete big, roomy, weather-proof brooder house, ready to assemble, with bolts, hardware, doors and windows fitted at the factory—everything furnished. Price, F. O. B. factory, \$45.00

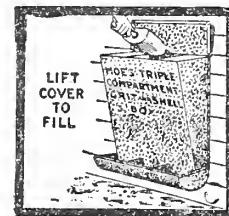
Economy Oat Sprouter

Needs no lamp or stove, sprouting the oats by a natural process. Can be placed in kitchen, basement, or anywhere that is light and the temperature is fairly even to produce growth. Simplicity is its biggest asset, yet it gives genuine satisfaction. The frame of the Economy Oat Sprouter is of iron, heavily japanned. Pans seamless galvanized; cannot get out of order. All pans have perforated bottoms except the lowest which catches the drippings. Requires floor space only 18 inches square. Fits into almost any out-of-the-way place. It is effective and economical to the highest degree. Price, complete....\$7.00

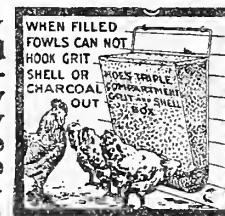


Economy Oat Sprouter

Grit and Shell Box



Is a most necessary article in the labor and feed saving it accomplishes for the poultry raiser. No poultry breeder should be without one of these well constructed feeders. Can be used as a hopper for little chicks.



Moe's No. 45—2 compartment (weighs 3 lbs.)....\$.40
Moe's No. 9—3 compartment (weighs 5 lbs.).... .85
Moe's No. 90—4 compartment (weighs 6 lbs.).... 1.20
Gould's Reliable—4 compartment (weighs 7 lbs.) 1.00

Capital Open Grit and Shell Box

Is 12 inches long, 3 inches high, and 4 inches deep. Has three compartments made of heavy galvanized iron. Weight 2 lbs., 40c each.

Capital Open Feed Trough

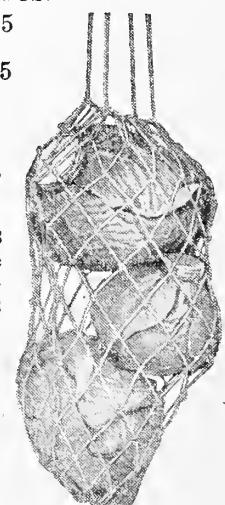
Made of very heavy galvanized iron with seams thoroughly soldered, making it entirely waterproof. 23 inches long, 4 $\frac{1}{2}$ inches wide, and 4 inches deep. Shipping weight 3 lbs.; 60c each.

Feeder and Exerciser



Is not only a labor saver in feeding, but gives the birds the needed exercise to keep them in a healthy condition, which means that you will get the maximum amount of eggs from them. Manufactured of heavy galvanized iron in two sizes.

8 qt. size \$1.25
postpaid.
16 qt. size \$1.75
postpaid.



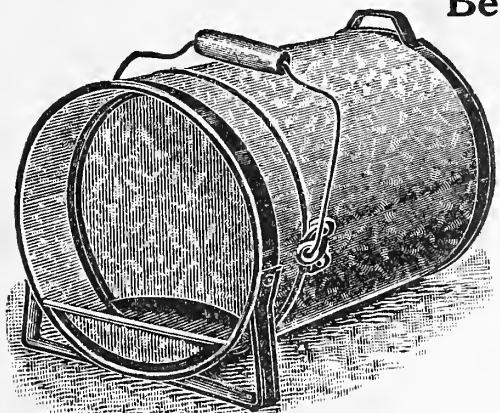
Carter's Green Food Feeder

Carter's Green Food Feeder keeps the green feed clean and wholesome while being fed. This gives you a sanitary feeder that prevents vegetables from becoming unfit for food as is the case often times when spread on the floor or ground. 50c each. Postpaid.

Opal Nest Eggs

Stop hens from laying eggs on the floor. Are made of the best white flint and will last a long time. Each 5c; set of 3, 10c; $\frac{1}{2}$ dozen, 20c; dozen 35c.

Beise Fountains

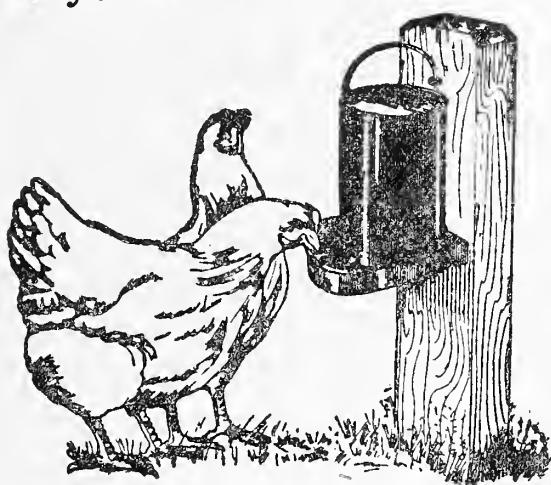


Are one of the most popular makes that we sell, being favored by poultry raisers on account of the ease in which it can be filled, and serviceable make-up. Constructed of heavy galvanized iron in four sizes.

3 quart size, 65c postpaid.
2 gallon size, \$1.00 postpaid.

3 gal. size.....\$1.25 4 gal. size.....\$1.40
(Above prices are postpaid)

Keystone Fountains



1 qt. size (weighs 3 lbs.) \$.45
2 qt. size (weighs 4 lbs.)70
1 gal. size (weighs 5 lbs.)95
2 gal. size (weighs 6 lbs.) 1.35

Oakes Sani-Thermo Fountain

For anyone who prefers a lampless fountain, the new Oakes Sani-Thermo is one of the best we have ever offered. Keeps water warm in winter and cool in summer. Easy to clean and fill.

2-Gallon size \$4.00
(Parcel Post weight 19 lbs.)
3-Gallon size 4.50
(Too Large for Parcel Post)
5-Gallon size 5.50



Square Deal Utility Poultry Feed or Mash Hopper

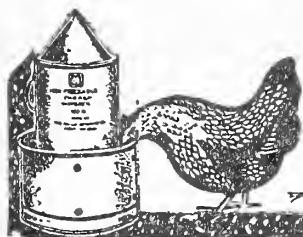
The Utility Hopper holds 100 lbs. of Dry Mash. It is absolutely waste-proof, has over 9 feet of feeding space. It is impossible for fowls to roost upon the top and it is sanitary in every required feature needed in a poultry feeder of this type. Weight 50 lbs. \$6.50 each, F. O. B. St. Paul.

Let Us Help You

If you have any poultry problem you would like information on, please write us. We have a wealth of poultry information at our disposal that is yours for the asking. This service is free. Use it as often as you like.

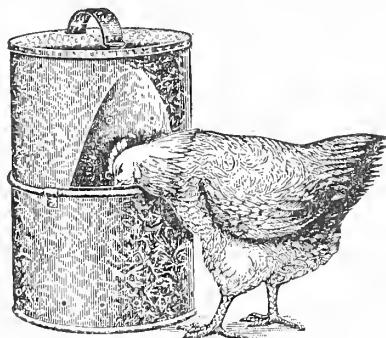
O-K Chicken Waterer With Heater

It not only keeps the water at the right temperature in winter, but fountain can be used without the heater in summer, to keep the water cool. Has drinking surface on all sides, which is a very important thing. You will find this a most satisfactory fountain that ought to last you for years.



2 1/2-Gallon size \$3.75
(Parcel Post weight 15 lbs.)
5-Gallon size 4.50
(Too large for Parcel Post)
10-Gallon size 7.00

"Can't Freeze" Poultry Fountain and Heater



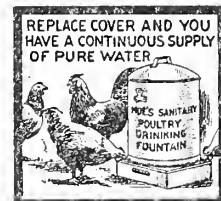
Is especially adapted to withstand severe and extreme cold weather. Cold weather makes no difference to this justly popular fountain, for it can go for 72 hours if heated, in the most severe weather without attention. Is made of heavy galvanized steel, is rust-proof and will last for years.

2 gal. size \$1.60
Shipping weight 4 lbs.
3 gal. size \$2.25
Shipping weight 6 lbs.
4 gal. size \$2.75
Shipping weight 9 lbs.

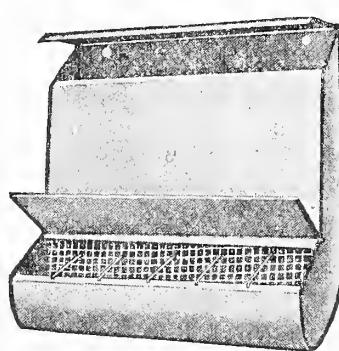
Top-Fill Fountain

Made from heavy galvanized iron, that forms a double wall, keeping the water cool in the summer, and retards freezing in winter. Very sanitary and easy to clean. In three sizes:

1 gallon size (weight 6 lbs.) \$1.75
2 gallon size (weight 7 lbs.) 2.50
4 gallon size (weight 9 lbs.) 3.00



Dry Mash Hopper



With its latest improvement gives you a feeder that prevents any possibility of waste. Never gets clogged up, yet it can feed coarse as well as fine mash. Has lid that will keep the rats and mice out at night. No. 35—8 1/2 inches wide... \$1.60
Shipping weight 7 lbs.
No. 36—12 inches wide... 2.20
Shipping weight 9 lbs.
(Hoppers below are too large for parcel post.)
No. 37—24 inches wide... 3.00
No. 13—18 inches wide... 2.50
No. 15—36 inches wide... 3.90

"Cymaco" Dry Mash Feeder

The Cymaco feeder is made of the best galvanized steel. The Cymaco accommodates twice as many hens as the ordinary hopper feeder. Cymaco is provided with a catch tray which prevents waste of feed.



No. 24—Capacity 1 bu. (shipping wt. 17 lbs.) \$3.50
No. 12—1/2 bu. Capacity (shipping wt. 11 lbs.) 2.25



Lectro-hatch

Electric Incubators and Brooders

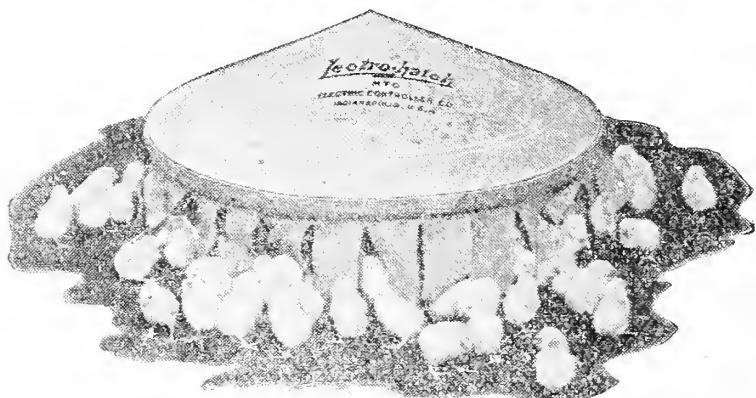
"DO IT ELECTRICALLY!" Lectro-hatch incubators and brooders have made poultry raising safe, easy and certain. Chicks hatched by electricity have the appearance of being a week old the day they're hatched. Even heat and fresh, pure air gives the chick every advantage for life, growth and development that Nature intended.

Lectro-hatch

ELECTRIC INCUBATORS

| | |
|-------------------|---------|
| 65 egg size..... | \$23.50 |
| 150 egg size..... | 38.00 |
| 300 egg size..... | 67.00 |
| 500 egg size..... | 118.00 |

Electric Brooders—Made in Two Popular Sizes



It's all Brooder—No lamp, no stove!

The Lectro-hatch Brooder has the same principle of reliable heat and automatic temperature control as the Lectro-hatch Incubator. Night or day the temperature in your brooder never varies. There are no ups or downs—no frozen or roasted chicks. Chicks breathe fresh, pure air all the time. Pure air, unchanging heat and no crowding will prevent a big part of your usual chick losses. Lectro-hatch Brooders are strongly built of heavy galvanized metal, with heavy felt curtain—sturdy, attractive, efficient, and durable.

When ordering Lectro-hatch incubators or brooders, state voltage of your electric current.

| | |
|--|---------|
| 150 chick size (28 inch diameter)..... | \$18.00 |
| 500 chick size (40 inch diameter)..... | 23.50 |

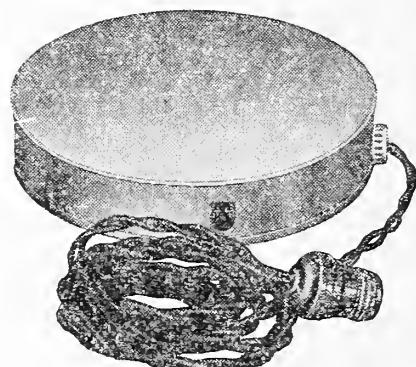
Electric Heater

Keeps Drinking Water from Freezing Needs no Attention Safe and Economical

Every poultry raiser knows the value of drinking water to laying hens in winter. Water is as necessary as feed. It must be before them all the time—and some means must be provided to keep the water from freezing. Get eggs while egg prices are high.

Heater is eight inches in diameter, made of heavy galvanized metal and comes equipped with cord and plug, ready to attach and use. Built to last. Money promptly refunded if unsatisfactory after ten days' trial.

When ordering, state voltage. PRICE, ONLY \$2.50, postpaid.



Extra Eggs Soon Pay for
this Wonderful Heater

Little Putnam Stove

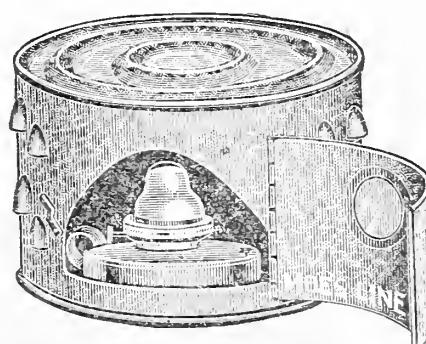


The Little Putnam Stove is a marvel of simplicity and efficiency—built upon an entirely new principle in oil combustion. The combustion is complete and perfect, doubling the heat value of the oil. The oil tank holds three pints and

burns three to four weeks without refilling or any other attention. The wick never needs trimming.

The Little Putnam Stove is eight inches in diameter and four inches high. It is made of galvanized iron and brass. With any kind of fair usage it will last for many years, paying for itself over and over again each year. Each \$1.95, postpaid.

Moe's Cold Climate Heater



Keeps water from freezing, and can be used with any fountain. Constructed of heavy galvanized iron, with no danger of ignition or blowing out, even in the stormiest kind of weather. Heater is simply constructed, safe and easy to operate. Each (weighs 5 lbs.) \$1.90

Putnam Brooder Heater

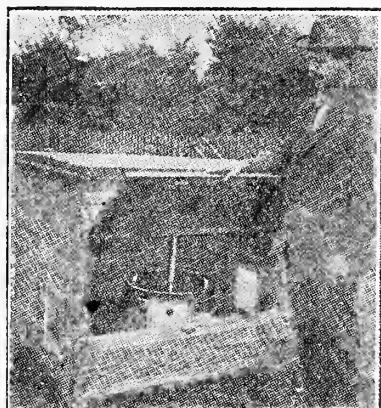
Is constructed on the principle of an open fireplace. The heat is radiated from above upon the backs of the chicks as with the mother hen. It is an oil heater which will burn one week at a filling. Postpaid \$4.75.

The Oakes Economy Brooder Hover

Can be used anywhere with perfect safety. Is made of steel throughout, yet is light, strong and durable. Is built for convenience, safety and economy. Although the lamp box is fireproof, the O. K. Safety Burner makes it doubly so.

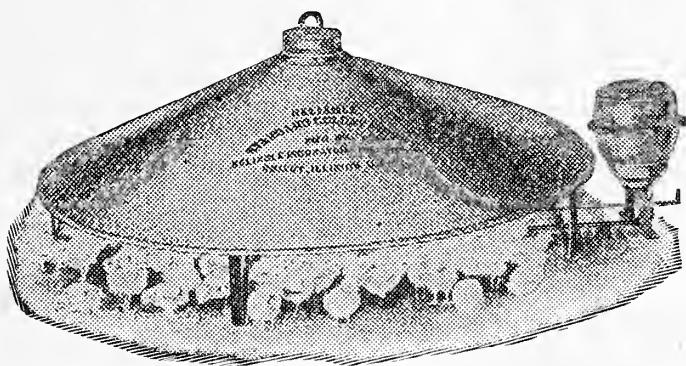
No. 1 Hover (18-inch drum) without cage... \$6.50
(Shipping weight 14 lbs.)

No. 2 Hover (22-inch drum) without cage \$10.00
(Shipping weight 32 lbs.)



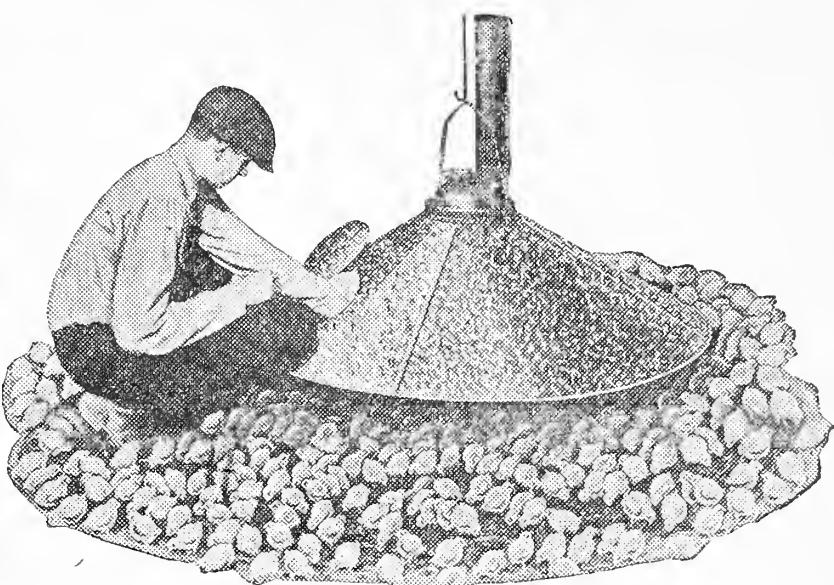
Oakes Economy Brooder Hover

The Reliable Blue Flame Oil Hover



Will save time, trouble and money. It is a revolution from the old type brooder. There is nothing to wear out or break. It has a one gallon self feeding glass oil jug which holds enough oil for from 24 to 36 hours. The canopy is 52 inches in diameter and has a capacity for 1,000 day old chicks. Weighs 106 lbs. Price \$21.50, F. O. B. St. Paul.

The Reliable Coal Burning Brooder



Is unquestionably one of the most durably constructed brooders made. It is very popular with leading poultrymen everywhere. It is simple, operates easily and with precision. Has an automatic control of both the check and draft by the regulator wafer. The canopy is 52 inches in diameter and has a capacity for 1,000 day old chicks. Weighs 106 lbs. Price \$21.50, F. O. B. St. Paul.

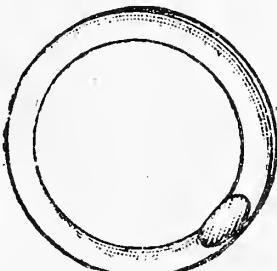
Standard Egg Tester

Is made to fit any lamp. All eggs for hatching should be candled with one of these testers. The standard Egg Tester is the best on the market for this purpose. Galv. Each.....50c Postpaid.

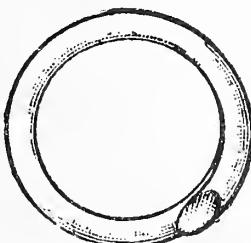


LEG BANDS

Spiral Bands—Exact Sizes



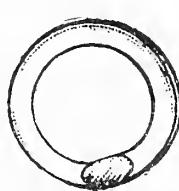
Asiatic
Size.



American
Size.



Mediterranean
Size.



Bantam
Size.



Pigeon
Size.

Chick
Size.

Economy Colored Poultry and Pigeon Band



The Best Band For Exhibition Purposes.

On account of the large numbers on the colored celluloid facing, can be easily seen. Bands are made of aluminum and form a very secure and permanent fastening. Sizes 0 and 1 for pigeons; number 3 for Mediterraneans; number 4 for American breeds; and number 5 for Asiatics in the following colors: Red, Blue, Pink, White, Yellow, Green and Purple.

Sizes 0 and 1 for Pigeons; 5, 10c; 10, 20c; 25, 40c; 50, 65c; 100, \$1.25. Size 3 for Mediterranean; size 4 for American breeds; size 5 for Asiatic; 5, 15c; 10, 25c; 25, 60c; 50, \$1.10; 100, \$2.00.

Spiral Leg Bands

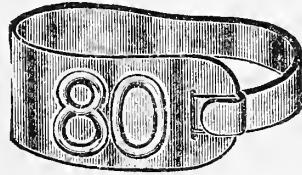
Made of celluloid. Are the most popular kind, being cheap, easy to put on and can be used over and over again. Colors are White, Blue, Green, Yellow, Red, Pink, Light Blue, Cerise, Purple, and Black.

| Size | Doz. | 25 | 50 | 100 | 500 | 1,000 |
|--------------------|-------|-----|-----|-----|-----|--------|
| Asiatic | | 20c | 35c | 50c | 80c | \$3.50 |
| American or | | | | | | \$6.75 |
| Mediterranean | | 15c | 25c | 45c | 75c | 3.00 |
| Bantam, Pigeon, or | | | | | | 5.50 |
| Chick | | 10c | 20c | 35c | 50c | 1.75 |
| | | | | | | 3.00 |

Leader Adjustable Leg Bands

Made of aluminum, come in two sizes that can be adjusted to meet the size of any bird. Are numbered.

1 doz. 20c; 25, 35c; 50, 50c; 100, 80c; 250, \$1.85; 500, \$3.50; 1,000, \$6.75.





BIRD SEED

Remedies and Bird Feeds

In the quality and kind of seed you give your bird depends his health and song, and it is of the greatest importance to get good seed. More birds loose their song from the wrong kind of food or poor seed than from any other cause. Buy good seed and you will continue to have a happy singing bird. The seed we offer is carefully selected and of the highest quality. In our special bird seed mixture we include no hemp, as hemp may cause the birds to lose their song. It is not a good food to feed regularly, and many professional bird raisers never feed hemp. The seed, feeds, and remedies we offer below are of the best grade and quality; moderately priced. We shall be pleased to quote you in larger amounts than those we have listed.

Bird Seed

| | 1 lb. | 5 lbs. | 10 lbs. |
|----------------------------|----------------------------|--------|---------|
| Bird Seed, Gould's Mixture | \$.15 | \$.60 | \$ 1.15 |
| Canary | .15 | .65 | 1.25 |
| Hemp | .15 | .65 | 1.25 |
| Millet | .10 | .35 | .70 |
| Rape | .15 | .65 | 1.25 |
| Sunflower | .15 | .60 | .95 |
| Lettuce Seed | .50 | | |
| Poppy Seed | .25 | 1.15 | 2.00 |
| Bird Gravel (bulk) | .05 | .25 | .50 |
| Cuttle Bone | Oz. 10c; $\frac{1}{4}$ lb. | 30c | |

Bird Remedies and Feeds

| | Pkg. |
|------------------------|--------|
| Bird Gravel | \$.15 |
| Bird Manna | .15 |
| Bird Pie | .15 |
| Bird Bitters | .25 |
| Bird Tonic | .25 |
| Cracked Hemp & Peppers | .10 |
| Eye Water | .25 |
| Feather Restorer | .25 |
| German Song Restorer | .15 |
| Maw or Poppy Seed | .25 |
| Mite Powder | .25 |
| Moultine Pepper | .25 |

Fish Food

For goldfish or other fancy fish kept in artificial surroundings.

Bishop's Natural Fish Food, tin.....\$.15
Flake Fish Food, package..... .10
Wafer Fish Food, package..... .15

Sergeant's DOG MEDICINES

Have been on the market for half a century. Dog owners can rely upon Sergeant's Dog Medicines at all times, to be safe and effective in the scientific treatment of all canine ills. The following are a few of the most important ones which we stock at all times.

| | |
|---|--------|
| Arsenic and Iron Pills | \$.60 |
| Condition Pills | .60 |
| Constipation Capsules | .60 |
| Distemper Medicine | 1.20 |
| Eye Wash | .60 |
| Flea Skip Soap | .25 |
| Mange Remedy | .65 |
| Pepsin Tablets | .60 |
| Sure Shot Capsules | .60 |
| Tape Worm Medicine | .60 |
| Pork Millers 50 page Dog Book free with an order. | |

CAPONIZING SETS

Philadelphia Caponizing Set

Has given satisfaction to its users for more than 50 years. Set is complete to the smallest detail and easy to handle. Book of instructions with each set. Price \$3.00. Add 10c for postage.

George Beuoy Capon Set No. 20

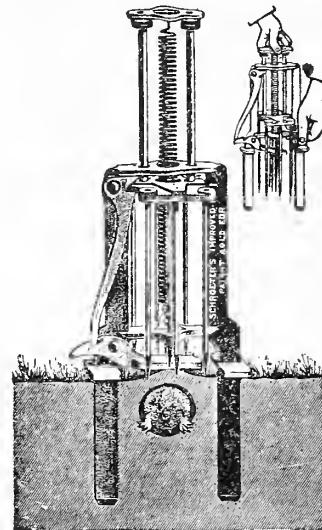
Is recognized by caponizers to be one of the few best makes of caponizing sets. Many say there is none better. Makes increased profits easy and sure, by the simple effort it takes with these sets. Instructions are made so plain in the book furnished with each set, that a boy can perform the work very easily. Set complete at \$5.50. Add 10c for postage.

Drop Board Scraper



REVERSIBLE—DOES THE
JOB WITHOUT REMOVING
ROOSTS.

Made from heavy gauge steel, handle can't come off, cleans any flat or smooth surface and makes a very fine sidewalk scraper. Satisfactory or money refunded. With handle, \$1.35 prepaid.



Schroeter Mole Trap

The Schroeter Improved Mole Trap is designed particularly for trapping Ground Moles. This trap is held in an elevated position by a latch or trigger mechanism that is adapted to be tripped by a mole traveling through a furrow in the ground at a point where the trap is located. One of the very best and successful mole traps on the market today. Price \$2.00. Postpaid.

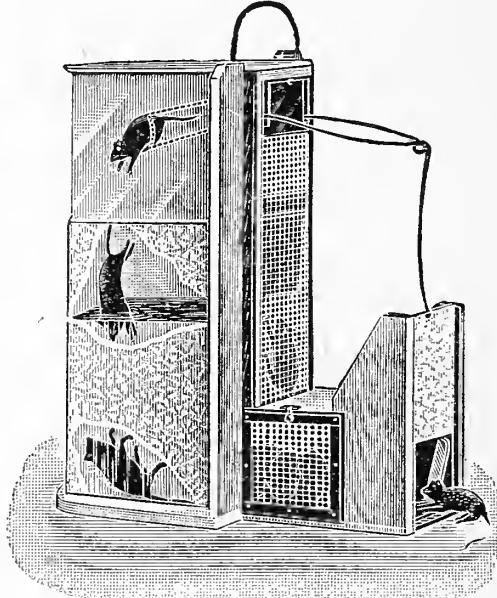
Mole Trap

Peerless Automatic Mouse Trap

A wonder trap in ridding any place of mice in a sanitary, quick and effective way. A dozen mice will often find their way to a watery grave in one of these traps overnight. It leaves no tell-tale smell, and fools them all.

Has no complicated parts to get out of order. As soon as a mouse smells the bait and enters the trap, it closes, and the startled mouse climbs up to the top landing. The weight of the mouse pushes down the chute and drops the mouse into the tank of water, and automatically opens the door below for the next victim. Works like a clock, yet the method is simple and sure.

Mouse Trap, price (Weight 3 lbs.).....\$3.00



French Killing Knife

Made of finely tempered steel, will last a life time. Each 65c, postpaid.



Angular Killing Knife

Severs the jugular vein and spinal cord in one operation.

thereby bleeding the fowl which makes removal of feathers easy without the need of water. Each 65c, postpaid.

(P) ANGULAR POULTRY KILLER
S X PILLING-PHILA.

BIRD HOUSES

If you want to do something that is worth while, something that will bring real pleasure to yourself and family, as well as joy and appreciation from our little feathered friends the song birds, put out a birdhouse or two in your back yard. You will be richly repaid for your trouble. The birds each year will become a greater source of happiness and joy to you with their ever present and cheerful song.

THE BLUE BIRD

The Blue Bird is about the size of a sparrow. Back and wings are a beautiful blue and breast, red; one of the most beautiful of birds and greatest favorite of all to be come acquainted with.

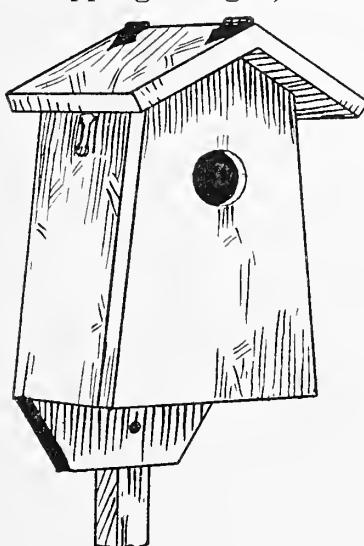
Blue Birds readily accept invitations to nest in houses carefully designed to meet their simple but very definite requirements and placed on posts not over 6 feet from the ground. Blue Birds rear 2 and 3 hatchets each year and if the house is cleaned as soon as the young birds leave the nest, they will return and build again.

Blue Birds become quite tame, building close to the house and returning year after year. They destroy immense numbers of insects taken from trees, ground and air; consuming quantities of cut-worms. Blue Birds will not build within one hundred yards of each other. They hatch 4 or 5 a nesting.

BLUE BIRD HOUSE

Price.....\$1.75

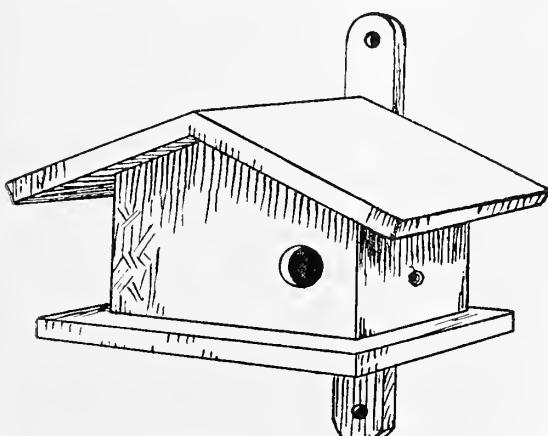
Shipping Weight, 3 Lbs.



WREN HOUSE

Price\$1.65

Shipping Weight, 3 Lbs.



Here in the Northwest, Song Birds Begin Arriving in March and Bird Houses Should be in Place then—Ready for the Birds.

THE WREN

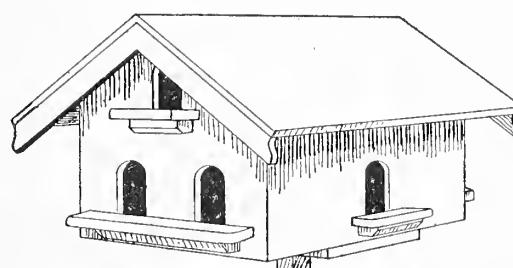
House Wren, a tiny brown bird with his saucy little tail standing straight in the air, singing from morning till night, is truly a delight; and Jenny Wren flitting here, there and everywhere, never still a minute, busy all the day long hunting for insects, building their nest and having a very happy time. They become very tame and are a delightful companion in the home grounds.

The Wren, like the Blue Bird, have very decided opinion regarding their homes, and like them close to the ground, about 6 feet high, placed on posts, trees, or sides of buildings, but should not be placed too close to the blue bird house. They raise 2 and 3 familes a season, hatching 7 and 8 at a time. The year is a very busy one. The House Wren returns year after year.

THE MARTIN

Purple Martin, so black that his coat looks like purple in the sun, the female with her dark brown back and greyish white breast are very friendly birds preferring to live in colonies so that houses should be provided which contain a number of compartments. Martins are great home-loving birds, coming early in the spring and staying until the latter part of August, they fill the air with the music of their song. The Purple Martin is very valuable to the human race. Their food consists mainly of flying insects, the dreaded Stregomyia and all species of mosquitoes. These birds raise one family but stay in their homes all summer and return year after year so that more houses should be erected to accommodate them as their familes increase. They hatch 4 to 6 a nesting. Clean houses after the birds leave.

Are made of the best pine wood, and will if repainted every few years, last a lifetime. Designed specially for and guaranteed by R. L. Gould & Company.



MARTIN HOUSE

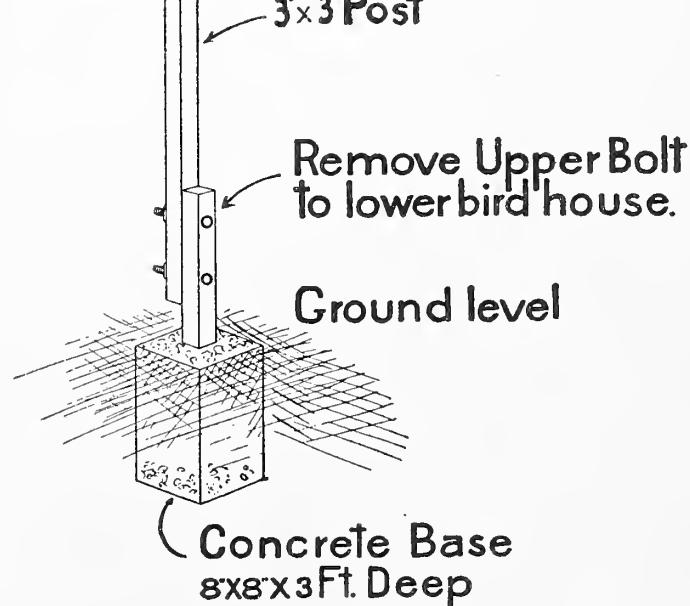
8 Compartments

Price.....\$7.50

(Without Post)

Too Large for Parcel Post

Keep Martin House From
15 to 18 Feet From Ground.
Set Post In Concrete.



INDEX

VEGETABLE SEEDS

| | | | | | | | | | |
|-------------------------|-------|-----------------------|----|-----------------------|-------|--------------------------|----------|---------------------|-------|
| Anise | 32 | Celeriac | 11 | Gourds | 15 | Onions | 19-20-21 | Sage | 32 |
| Asparagus | 3 | Celery | 12 | Herbs | 32 | Onion Plants | 21 | Salsify | 28 |
| Balm | 32 | Chinese Cabbage | 10 | Horehound | 32 | Onion Sets | 21 | Spinach | 29 |
| Basil, Sweet | 32 | Chicory | 11 | Kale | 15 | Parsley | 21 | Squash | 29 |
| Beans | 4-5-6 | Chives | 11 | Kohl Rabi | 15 | Parsnip | 22 | Sugar Beets | 8 |
| Beets | 7-8 | Coriander | 32 | Lavender | 32 | Peas | 22-23-24 | Summer Savory | 32 |
| Borage | 32 | Corn, Sweet | 13 | Leek | 15 | Pennyroyal | 32 | Sweet Corn | 13 |
| Brussels Sprouts | 8 | Cress | 11 | Lettuce | 16 | Pepper | 24 | Swiss Chard | 7 |
| Cabbage | 9-10 | Cucumber | 14 | Mangel Wurzel | 8 | Potatoes | 25 | Thyme | 32 |
| Cabbage Plants | 9 | Dill | 32 | Marjoram, Sweet | 32 | Pumpkins | 26 | Tomato | 30-31 |
| Caraway | 32 | Egg Plant | 15 | Mushroom Spawn | 18 | Radish | 27-28 | Turnip | 32 |
| Carrots | 11 | Endive | 15 | Musk Melon | 17-18 | Rhubarb (or Roots) | 28 | Water Cress | 11 |
| Catnip or Catmint | 32 | Fennell, Sweet | 32 | Mustard | 18 | Rosemary | 32 | Water Melon | 18 |
| Cauliflower | 12 | French Endive | 11 | Okra | 18 | Rutabaga | 28 | Wormwood | 32 |

FLOWER SEEDS, BULBS, PERENNIAL PLANTS

| | | | | | | | | | |
|----------------------------------|-----------------|-------------------------------------|-------|----------------------------|-------------|----------------------------|-------|-----------------------------------|----------|
| Abutilon | 34 | Castor Oil Bean | 39 | Euphorbia Variegata | 36 | Lavendula | 44 | Pyrethrum Aureum | 39 |
| Achillea | 43-45 | Cathedral Bells | 35 | Everlasting | 42 | Linum | 37 | Pyrethrum Hybridum | 44-45 |
| Acroclinium | 42 | Celosia Childsii | 34 | False Chamomile | 43 | Linum, Perenne | 44 | Quacking Grass | 42 |
| Ageratum | 34 | Celosia Chrysanthem- flora | 35 | Feathered Cockscomb | 35 | Love in the Mist | 38 | Ranunculus | 45 |
| Agrostemma | 43 | Celosia Cristata | 35 | Feverfew | 37 | Lunaria | 42 | Red Hot Poker | 44 |
| Alum Root | 43 | Celosia Plumosa | 35 | Flowering Maple | 34 | Lupine | 44 | Rhodanthe | 42 |
| Alyssum, Saxatile | 42-43 | Centurea Cyanus | 35 | Forget-me-not | 44 | Lupinus | 37 | Ricinus | 39 |
| Alyssum, Sweet | 34 | Centurea Imperialis | 35 | Four O'Clock | 37 | Lychnis | 44-45 | Rose Campion | 44 |
| Amaranthus | 34 | Chinese Lantern Plant | 42-45 | Foxglove | 43-45 | Lythrum | 44 | Rose of Heaven | 43 |
| Ammobium | 42 | Chinese Woolflower | 34 | Gaillardia | 36-43-45 | Mallow | 45 | Roseum Superbum | 44 |
| Anchusa | 34-43 | Chrysanthemum | 35 | Gladioli | 46 | Maltese Cross | 45 | Salpiglossis | 39 |
| Anthemis, Tinctoria | 43 | Chrysanthemum | 35 | Globe Amaranth | 42 | Marigold | 37 | Salvia | 40 |
| Antirrhinum | 34 | Clarkia | 35 | Globe Thistle | 42 | Matricaria | 37 | Satin Flower | 42 |
| Aquilegia | 43-45 | Cobea Scandens | 35 | Godetia | 36 | Mexican Fire Bush | 37 | Scabiosa | 40-44-45 |
| Arctotis | 34 | Cockscomb | 35 | Gomphrena | 42 | Mignonette Reseda | 37 | Scarlet Runner Bean | 34 |
| Asters | 33-45 | Coix Lachryma | 35 | Gourds | 36 | Morning Glory | 37 | Scarlet Sage | 40 |
| Baby's Breath | 36-42- 43-45 | Columbine | 42 | Grass, Lawn | 81 | Moss Rose | 29 | Schizanthus | 40 |
| Bachelor's Button | 35 | Bearded Tongue | 44 | Gypsophila | 36-42-43-45 | Mourning Bride | 40 | Sea Lavender | 42-45 |
| Balsam | 34 | Coral Bells | 43 | Hardy Larkspur | 43-45 | Myosotis | 44 | Shasta Daisy | 43-45 |
| Bellis | 43 | Coreopsis Lanceo- lata | 43-45 | Hardy Marguerite | 43 | Nasturtium | 37 | Snapdragon | 34 |
| Black Eyed Susan | 40 | Cosmidium | 35 | Hardy Sweet Pea | 44 | Nemesia | 38 | Snow on the Mount | 36 |
| Blanket Flower | 36- 43-45 | Cosmos | 35 | Helenium Autumnale | 43 | Nicotiana Affinis | 38 | Star Phlox | 39 |
| Bleeding Heart | 45 | Crimson Flax | 37 | Helianthus | 36-44 | Nigella Damascena | 38 | Statice | 42-45 |
| Blue Eyed African Daisy | 34 | Cypress Vine | 35 | Helichrysum | 42 | Orange African Daisy | 36 | Stocks | 40 |
| Boltonia | 43-45 | Dahlias | 48 | Heuchera | 43 | Oriental Poppy | 45 | Straw Flower | 42 |
| Brachycome | 34 | Daisy | 43-45 | Hibiscus | 45 | Ox Eyed Daisy | 43 | Summer Cypress | 37 |
| Bridal Veil | 36 | Delphinium | 43-45 | Hollyhocks | 37-43 | Painted Tongue | 39 | Sunflower | 36-44 |
| Briza | 42 | Dianthus | 36-45 | Honesty | 42 | Pansies | 38 | Swan River Daisy | 34 |
| Browallia | 34 | Dianthus Barbatus | 44- | Humulus Japonicus | 37 | Pentstemon | 44 | Sweet Pea | 41 |
| Bush Eschscholtzia | 37 | Didiscus | 35 | Hunnemania | 37 | Peonies | 47 | Sweet Sultan | 35 |
| Calendula | 34 | Dielytra | 45 | Hyacinth Bean | 36 | Perennial Plants | 45 | Sweet William | 40-44-45 |
| California Poppy | 36 | Digitalis | 43-45 | Iceland Poppy | 45 | Perennial Poppies | 44-45 | Thunbergia | 40 |
| Calliopsis | 34 | Dimorphoteca A | 36 | Iris | 48 | Petunia | 38 | Tritoma | 44-45 |
| Campanula | 43 | Dolichos | 36 | Japanese Bell Flower | 44 | Phlox, Drummondii | 39 | Tuberose Fl. Tob. | 38 |
| Canary Bird Vine | 34 | Double' White Yar- row | 43 | Japanese Hop | 37 | Phlox, Perennial | 45 | Verbena | 40 |
| Candytuft | 34 | Echinocystis | 36 | Job's Tears | 35 | Physalis, Franchetti | 42-45 | Veronica, Speedwell | 44 |
| Cannas | 34-47 | English Daisy | 43 | Kochia | 37 | Physostegia | 44 | Wallflower | 44 |
| Canterbury Bells | 43 | Echinops Ritro | 42 | Lace Flower | 37 | Pinks | 36 | Wild Cucumber Vine | 36 |
| Cape Forget-me-not | 34 | Eschscholtzia | 36 | Lady Slipper | 34 | Platycodon | 44 | Xeranthemum | 42 |
| Carnation | 34 | | | Lantana | 37 | Poppies | 39 | Yellow Bachelor But- ton | 45 |

FIELD SEEDS

| | | | | | | | | | |
|----------------------|-------|-------------------|-------|------------------------|----|-----------------|----|-------------------|----|
| Alfalfa | 49 | Corn | 51-52 | Millet | 54 | Rape | 54 | Sudan Grass | 50 |
| Barley | 52 | Field Beans | 6-55 | Oats | 53 | Rye | 54 | Sunflower | 50 |
| Bromus Inermis | 50 | Flax | 54 | Pasture Mixtures | 50 | Sorghum | 51 | Timothy | 50 |
| Buckwheat | 54 | Fodder Corn | 52 | Peas | 55 | Soy Beans | 55 | Vetch | 55 |
| Clover Seed | 49-50 | Grasses | 50 | Pop Corn | 52 | Speltz | 55 | Wheat | 53 |

POULTRY FEEDS, REMEDIES AND SUPPLIES

| | | | | | | | | | |
|---------------------------|-------|----------------------------|-------|-----------------------------------|-------|----------------------|-------|-------------------------|-------|
| Avicol | 69 | Coliverol | 67 | Feeders | 73-74 | Killing Knives | 78 | Pratt's Remedies | 70 |
| Baby Chick Food | 66 | Coops | 71 | Fish Meal | 67 | Lee's Remedies | 70 | Remedies | 70 |
| Bacili-Kil (B-K) | 68 | Coops, Shipping | 74 | Fountains | 72-75 | Leg Bands | 77 | Roup-Over | 69 |
| Blatchford's Feeds | 66 | Developing Feeds | 65 | Germozone | 70 | Lice Killers | 68-70 | Scratch Feeds | 65 |
| Bone, Ground | 67 | Disinfectants | 68 | Green Food Feeder | 74 | Mash Feeders | 73-75 | Shell Boxes | 74 |
| Brood Coops | 71 | Don Sung | 69 | Grit | 67 | Mash Hoppers | 72-75 | Shipping Coops | 74 |
| Brooders | 76-77 | Dried Buttermilk | 67 | Grit and Shell Box | 74 | Meat Crisps | 67 | Sodium Fluoride | 68-69 |
| Brooder House | 74 | Drinking Fountains | 72-75 | Growing Feeds | 65-66 | Meat Scraps | 67 | Sprayers | 64 |
| Brooder Hover | 77 | Drop Board Scraper | 78 | Growing Mash | 66 | Nests | 74 | Sprouters, Grain | 74 |
| Brooder Thermometer | 73 | Egg Carriers | 73 | Heaters | 76 | Nest Eggs | 74 | Thermometers | 73 |
| Calf Meal | 66 | Egg Cartons | 73 | Hess's Remedies | 70 | Nest Fronts | 74 | Thermostat Wafers | 73 |
| Caponizing Sets | 78 | Egg Mash | 66 | Hoppers, Mash | 72-75 | Oat Sprouters | 74 | Trakol | 69 |
| Carbola | 71 | Egg a Day | 67 | Hover, Brooder | 77 | Oculum | 68 | Trap Nest Fronts | 74 |
| Charcoal | 67 | Egg-o-Hatch | 70 | Hygrometer | 73 | Oyster Shell | 67 | Troughs | 72-74 |
| Chick Box, Shipping | 71 | Egg-o-Latum | 70 | Incubators | 76 | Pan-a-ce-a | 70 | Vaccine Serum | 68 |
| Chick Feed | 65-66 | Egg Tester | 77 | Incub. Thermometer | 73 | Pigeon Grit | 67 | Worm Emulsion | 68 |
| Chick Feeders | 72-73 | Feeder and Exerciser | 74 | Incubator Moisture Guide | 73 | Pig Meal | 66 | Yeast Foam | 67 |
| Chick Punch | 71 | | | | | Poultry Punch | 71 | Zenoleum | 68 |

MISCELLANEOUS

| | | | | | | | | | |
|---------------------------|-------|------------------------------|---------|-----------------------|-------|---|----------|--------------------------|----------|
| Arsenate of Lead | 56 | Cyanogas | 56 | Garden Trowels | 62 | Nico Fume Liquid, Paper, Tob. Powder | 57 | Seed Drills | 60 |
| Asparagus Knife | 62 | Dog Biscuits | 67 | Glazing Points | 62 | Nicotine Sulphate | 57 | Semesan | 55 |
| Bird Seed | 78 | Dog Remedies | 78 | Gopher Poison | 56 | Nitragin | 49 | Slug Shot | 57 |
| Bird Remedies | 78 | Dusters, Dry Powder | 59 | Grafting Wax | 62 | Paper Pots | 62 | Sprayers | 64 |
| Bird Houses | 79 | Farm Tools | 60-61 | Grape Dust | 57 | Paris Green | 57 | Stim-U-Plant | 57 |
| Black Leaf "40" | 57 | Fertilizers | 58-59 | Hellebore | 56 | Plant Food | 57-59 | Sulphur | 57 |
| Black Leaf Dust | 57 | Fertilizer Distributor | 61 | Hoes | 60 | Plant Supports | 61-63 | Tobacco Dust, Soap | 57 |
| Blue Stone | 57 | Fish Food | 78 | Insecticides | 56-57 | Planet Jr. Tools | 60 | Tobacco Dust | 57 |
| Blue Vitriol | 57 | Fish Oil Soap | 57 | Labels | 62 | Poisoned Wheat | 56 | Tree Protectors | 63 |
| Bordeaux | 56 | Floranid | 59 | Lawn Sprinklers | 62 | Pyrox | 57 | Tree Tanglefoot | 57 |
| Carbola | 71 | Flower Pots | 62 | Lime Sulphur | 56 | Rat Embalmer | 56 | Trellises | 63 |
| Coppercarb | 56 | Formaldehyde | 57 | London Purple | 56 | Raffia | 62 | Two-Way Spray | 56 |
| Copper Sulphate | 57 | Fungicides | 56-57 | Mole Trap | 78 | Rubber Bands | 62 | Volck | 56 |
| Corrosive Sublimate | 56 | Garden Guard | 56 | Mouse Trap | 78 | Seeders | 60-61-62 | Weeders | 60-61-62 |
| Cultivators | 60-61 | Garden Tools | 60-61-6 | | | | | | |

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Prices subject to change

LAWN GRASS SEED

Prices subject to change

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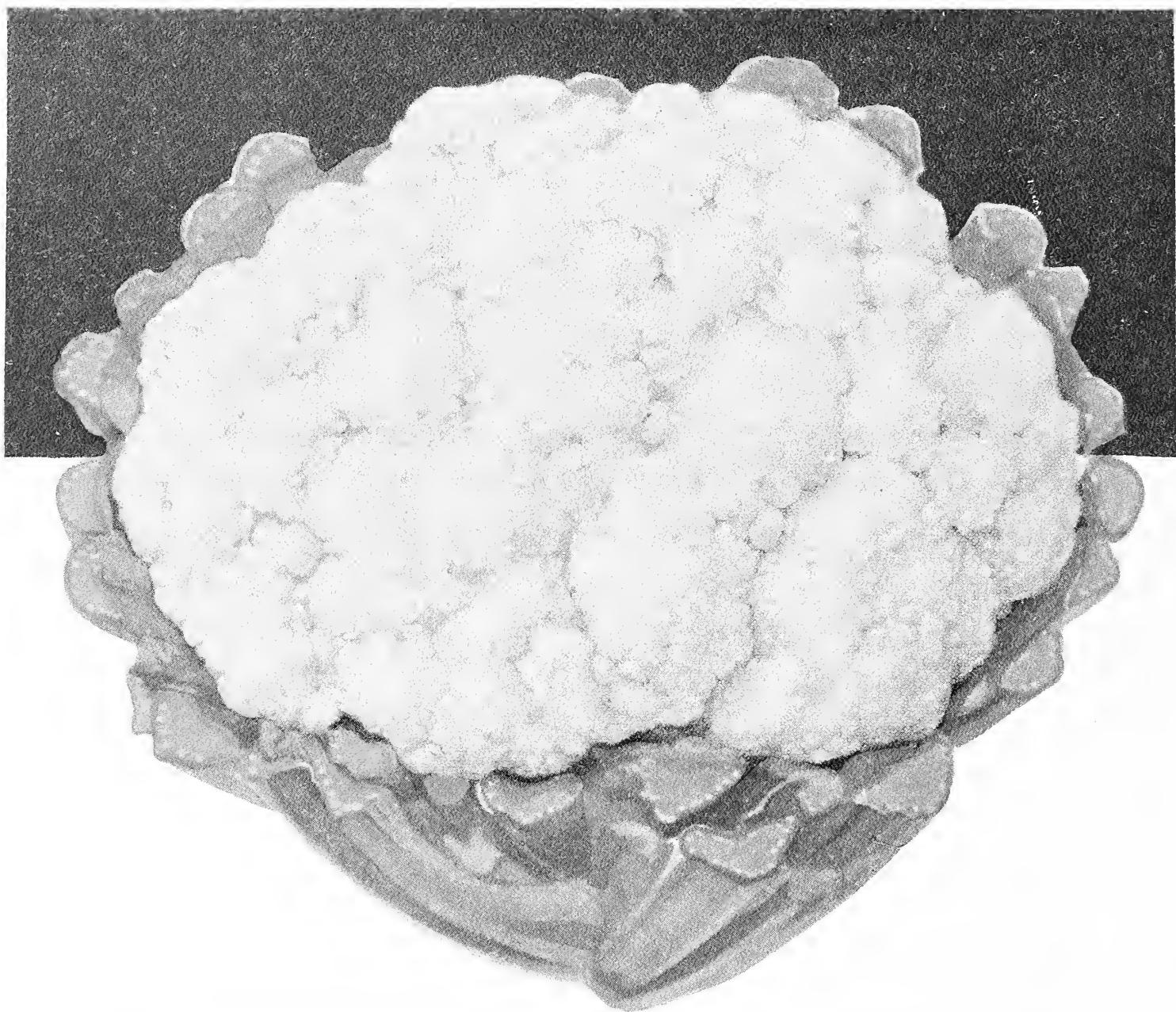
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|------------|-----|--------------|--------|---------------|---------|
| ½ lb. | 30c | 5 lbs. | \$2.25 | 25 lbs. | \$10.50 |
| 1 lb. | 50c | 10 lbs. | \$4.50 | 100 lbs. | \$40.00 |

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